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COTTON LITERATURE

SELECTED REFERENCES

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COMPILED BY EMILY L. DAY, LIBRARY SPECIALIST IN COTTON MARKETING,
AGRICULTURAL MARKETING SERVICE, WASHINGTON, D. C.



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CONTENTS

| | |
|--|-----|
| Production..... | 315 |
| Botany..... | 315 |
| Genetics and Plant Breeding..... | 317 |
| Agronomy..... | 317 |
| Diseases..... | 322 |
| Insects..... | 323 |
| Farm Engineering..... | 325 |
| Farm Management..... | 325 |
| Farm Social Problems..... | 326 |
| Cooperation in Production (One-Variety Communities)..... | 327 |
| Preparation..... | 327 |
| Ginning..... | 327 |
| Baling..... | 329 |
| Marketing..... | 330 |
| Demand and Competition..... | 330 |
| Supply and Movement..... | 337 |
| Prices..... | 342 |
| Marketing and Handling Methods and Practices..... | 343 |
| Marketing Services and Facilities..... | 345 |
| Marketing Costs..... | 348 |
| Cooperation in Marketing..... | 348 |
| Utilization..... | 349 |
| Fiber, Yarn and Fabric Quality..... | 349 |
| Technology of Manufacture..... | 352 |
| Technology of Consumption..... | 354 |
| Cottonseed and Cottonseed Products..... | 358 |
| Legislation, Regulation, and Adjudication..... | 360 |
| Legislation..... | 360 |
| Regulation..... | 365 |
| Miscellaneous--General..... | 369 |

COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

"Abbreviations Used in the Department of Agriculture for Titles of Publications" (Miscellaneous Publication No. 337) is the authority for abbreviations used in COTTON LITERATURE.

PRODUCTIONBotany

1614. Barrows, Florence L. Lamellate structure of cellulose membranes in cotton fibers. Boyce Thompson Inst., Contrib. 11(2): 161-179. Jan.-Mar. 1940. (Published at 1086 North Broadway, Yonkers, N. Y.) 451 B69
Literature cited, pp. 176-179.
1615. Beasley, J. O. The origin of American tetraploid gossypium species. Amer. Naturalist 74(752): 285-286. May-June 1940. (Published by the Science Press, Grand Central Terminal, New York, N. Y.) 470 Am36
Literature cited, p. 286.
1616. Compton, Jack, and Haver, Forrest E., Jr. Studies on the developing cotton fiber. I. Relation of development of crude cotton fiber to the other principal boll constituents. Boyce Thompson Inst., Contrib. 11(2): 105-118. Jan.-Mar. 1940. (Published at 1086 North Broadway, Yonkers, N. Y.) 451 B69
Literature cited, p. 118.
"Presented before the Division of Cellulose Chemistry at the 98th Meeting of the American Chemical Society, Boston, Massachusetts, September 11, 1939."
"Other than the slower rate of maturation and higher moisture content of the fibrous greenhouse material no essential difference seems to exist between the ratios of the wet crude fiber constituents of bolls grown under field and greenhouse conditions. During the period of active fiber development the ratio, dry crude fiber : reducing sugars : waxes, on a constant-moisture basis, varies as follows: as the dry crude fiber mass increases the reducing sugars decrease, whereas the extractable fats and waxes remain practically constant." - Summary.
1617. Contreras Arias, Alfonso. Estudios de correlacion entre la variacion del rendimiento del algodono y la variacion de la temperatura y de la lluvia durante su periodo vegetativo. Agricultura

2(15): 12-20. Nov.-Dec. 1939. (Published by Departamento Autónomo de Prensa y Publicidad, San Jacinto, D. F., Mexico) 8 Ag823

Studies of the correlation between the variation in the production of cotton and the variation of the temperature and rainfall during the vegetative period.

1618. Rangaswami, S., Suryaprakasa Rao, P., and Seshadri, T. R. Pigments of cotton flowers. VI. Methylation of herbacetin. Indian Acad. Sci. Proc. 9A(2): 133-135. Feb. 1939. (Published at Hebbal, Bangalore, India) Libr. Cong.

"Herbacetin, 3, 5, 7, 8, 4' - pentahydroxyflavone, yields the known penta-Me ether with Me_2SO_4 in NaOH and acetone. CH_2N_2 gives the 3, 7, 8, 4' - tetra-Me ether, a dihydrate, narrow yellow rectangular plates from alc. and then HOAc. It sinters at $120-5^\circ$, m. $159-60^\circ$. All the H_2O is lost at 120° for 2 hrs., and it then m. $160-2^\circ$, while a hemihydrate results by vacuum desiccation at room temp. for 24 hrs. The dihydrate dissolves in concd. HCl and in NaOH with a yellow color, and becomes green with alc. FeCl_3 .- G. A. Hill." - Chem. Abs. 33(14): 5396. July 20, 1939.

1619. Suryaprakasa Rao, P., and Seshadri, T. R. Pigments of cotton flowers. VII. Position of the glucose residue in gossypitrin. Indian Acad. Sci. Proc. 9A(3): 177-180. Mar. 1939. (Published at Hebbal, Bangalore, India) Libr. Cong.

References, p. 180.

"The position of the sugar group in gossypitrin (I) is still uncertain. Various attempts at a complete methylation of I have failed...F. E. Brauns." - Chem. Abs. 34(1): 106. Jan. 10, 1940.

1620. Suryaprakasa Rao, P., and Seshadri, T. R. Pigments of cotton flowers. VIII. Constitution of herbacitrin and quercimeritrin. Indian Acad. Sci. Proc. 9A(4): 365-369. Apr. 1939. (Published at Hebbal, Bangalore, India) Libr. Cong.

References, p. 369.

See also Item no. 1912.

Genetics and Plant Breeding

1621. Amin, K. C. A preliminary note on interspecific hybridization and use of colchicine in cotton. *Current Sci.* 9(2): 74-75. Feb. 1940. (Published at Hebbal P. O., Bangalore, India) 475 Sci23
1622. Beasley, J. O. Hybridization of American 26-chromosome and Asiatic 13-chromosome species of *Gossypium*. *Jour. Agr. Res.* 60(3): 175-181. Feb. 1, 1940. (Published by the U. S. Department of Agriculture, Washington, D. C.) 1 Ag84J Literature cited, pp. 180-181.
1623. Boza-Barducci, Teodoro, and Madoo, R. M. Relationship of *Gossypium raimondii* Ulbr. *Nature* 145(3675): 553. Apr. 6, 1940. (Published by Macmillan & Co., Ltd., St. Martin's St., London, W. C. 2, England) 472 N21
 "A more detailed study is being put out as an official publication of La Molina Agricultural Experiment Station," of Lima, Peru.
1624. Humphrey, L. M. A preliminary report of the effects of inbreeding in cotton with special reference to staple length and lint percentage. *Genetics* 25(1): 121-122. Jan. 1940. (Published by the Brooklyn Botanic Gardens, Brooklyn, N. Y.) 442.8 G28
 Abstract of paper presented at meeting of Genetics Society of America, Columbus, Ohio, December 28-30, 1939.
1625. Hutchinson, J. B. Some problems in applied genetics. *Chron. Bot.* 5(4/6): 403-404. Autumn 1939. (Published by Chronica Botanica Co., Leiden, Holland) 450 C46
 "A brief review is given of the methods employed in cotton breeding." - *Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit.* 20(8): 177. Apr. 30, 1940.

See also Items nos. 1926, 1947, 1952.

Agronomy

1626. Ahmad, N. Garo Hill cotton. *Current Sci.* 8(9): 408-409. Sept. 1939. (Published at Hebbal P. O., Bangalore, India) 475 Sci23

1627. Alabama. Agricultural experiment station. The effect of "digging" and "hogging" peanuts on cotton yields. Ala. Agr. Expt. Sta. Leaflet 18, 8pp. Auburn, 1939.

"In experiments at the Wiregrass Substation by J. P. Wilson, cotton did not make satisfactory yields even when receiving 600 lb. per acre of 6-8-4 or 6-8-8 fertilizer after 7 successive years of harvested peanuts or with 600 lb. of 6-8-4 in a 3-yr. rotation of corn, cotton, and harvested peanuts. However, cotton gave satisfactory yields in a similar rotation with 6-8-12 fertilizer, and also when supplied with 6-8-4 fertilizer and grown in alternation with hogged off peanuts and in 1939 given 600 lb. of 0-8-4 fertilizer. So far as soil fertility is concerned, peanuts should be harvested seldom and hogged off as often as possible." - Expt. Sta. Rec. 82(4): 478. Apr. 1940.

1628. Andrews, W. B. Many state soils return profit from additional nitrogen. Miss. Farm Res. 3(5): 8. May 1940. (Published by the Mississippi Agricultural Experiment Station, State College, Miss.)

Fertilizers for cotton production are discussed.

1629. Arizona cotton growers can head off fascist Brazil. Ariz. Farmer Prod. 18(27): 3. Mar. 16, 1940. (Published at 313 North Third Ave., Phoenix, Ariz.) 6 Ar44

The planting of pure seed is urged.

1630. "Bahtim Abiad"--an Egyptian white cotton. Cotton [Manchester] 46(2209): 2. May 4, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826

Production of the new variety this year will be 500 bales.

1631. Castro, Amalio Olmos. Cultivo del algodón. Gaceta Algodonera 17(194): 13-15, 17-18. Mar. 31, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

Cultivation of cotton [in Argentina]

1632. Chebotaev, N. [Chemical delinting and budding of cottonseeds] Sovetskii Khlopok, no. 5, pp. 117-118, May 1938. (Published in Moskva, U. S. S. R.)
Libr. Cong.

In Russian.

"Delinting by means of 175 g. of concd. H_2SO_4 per kg. of cottonseed, for 20-30 min. at 20° , increased the crop by 1 cental/hectare. Budding the seeds after delinting increased the crop by 1.8 centals/hectare. Delinting budded seeds caused a sharp thinning of the plants and a sharp decrease of the crop. - W. R. Henn." - Chem. Abs. 34(3): 844. Feb. 10, 1940.

1633. Crying farmer weeps over 885 pounds SxP. Ariz. Farmer Prod. 19(7): 20. Mar. 30, 1940. (Published at 313 North Third Ave., Phoenix, Ariz.)
6 Ar44

An account of a yield of 885 pounds per acre of SxP cotton in Graham County, Arizona, on a measured field of 32.9 acres.

1634. Haskell, F. J., and Barker, H. D. Cottonseed treatment. U. S. Dept. Agr. Leaflet, 198, 8pp. Washington, 1940. 1 Ag84L

Methods of treating cottonseed for planting are described.

1635. It pays to treat cotton seed. South. Seedsman 3 (5): 23. May 1940. (Published by L. Kemper Wilson, 225 College Blvd., San Antonio, Tex.)
61.8 So8

"Treatment results in better germination of the seed and emergence of the young plants, in fewer diseased seedlings, and in increases in yield of cotton."

1636. Japanese to set up experiment stations. Cotton Trade Jour. 20(19): 1. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

"Japan is planning to establish 10 cotton experiment stations in the occupied areas of China with a view to developing varieties suited to the region, according to reports received by the U. S. Department of Commerce. Pink boll worm damage in China has been huge this season. The fight on that pest, it appears, will be another matter of common interest as between Japan and Texas." - Entire item.

1637. Kearney, T. H., Peebles, R. H., and Smith, E. Gordon. SxP cotton in comparison with Pima. U. S. Dept. Agr. Cir. 550, 15pp. Washington, 1940.

Tests of SxP cotton are reported to show that, compared to Pima, its yield is greater, gin out-turn or lint percentage is greater, it is earlier, wastier, more easily picked, can be ginned faster, is shorter but more uniform in length, is lighter colored. Spinning tests showed that yarns spun from SxP had a greater breaking strength, for all counts from 10 to 120, than the corresponding yarns from Pima, with a single exception, in which there was no difference between the varieties.

1638. Killough, D. T. Methods of testing varieties of cotton by experiment stations. Acco Press 18(4): 5-7. Apr. 1940. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2

1639. Kreibohm de la Vega, G. A. Ha sido muy provechosa la campaña de fomento algodonero realizada por la Estación experimental agrícola de Tucumán. Gaceta Algodonera 17(194): 23-25. Mar. 31, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

The cotton season at the Estación Experimental Agrícola de Tucumán has been very profitable.

1640. Madhok, M. R., and Fazal-ud-Din. Nitric nitrogen in soils under cotton. Current Sci. 8(12): 551-553. Dec. 1939. (Published at Hebbal P. O., Bangalore, India) 475 Sci23

1641. Madras cotton improvement. Indian Farming 1(3): 126-127. Mar. 1940. (Published by Manager of Publications, Delhi, India) 22 In283

"The Indian Central Cotton Committee has been financing several schemes for the improvement of cotton in the Madras province."

1642. [Miege, E.] Résultats des essais poursuivis en 1939 sur la culture du cotonnier au Maroc. [19]pp. [Casablanca, Imprimeries reunies, 1940] "Extrait de la 'Terre Marocaine' no. 122 - Janvier 1940." 24 T44

Results of trials pursued in 1939 on the culture of cotton in Morocco.

1643. Perdisa, Luigi. La cotonicoltura italiana. Giornale di Agricoltura della Domenica 50(17): 137. Apr. 28, 1940. (Published at Palazzo Margherita, Via Vittorio Veneto, Rome, Italy) 16 It1G
Italian cotton culture.
1644. Pitner, John. Brown loam soils respond to use of winter legumes. Miss. Farm Res. 3(5): 8. May 1940. (Published by the Mississippi Agricultural Experiment Station, State College, Miss.)
Results of a ten-year cotton-winter legume test are given.
1645. Robert, J. C. Maximum yields of cotton with four-ton manure application. Poplarville tests show capacity of neglected source. Miss. Farm Res. 3(5): 1-2. May 1940. (Published by the Mississippi Agricultural Experiment Station, State College, Miss.)
Stable manure and commercial fertilizer are compared.
1646. Sam Joy hailed as cotton king. Ariz. Farmer Prod. 18(27): 1, 22. Mar. 16, 1940. (Published at 313 North Third Ave., Phoenix, Ariz.) 6 Ar44
Report of a meeting of producers in Phoenix, Ariz., March 12, 1940, at which the relative desirability of Pima and SxP cottons was discussed.
1647. Sea Island cotton to come into its own again, belief. Florida and WPA backing for rehabilitation of specialty bearing fruit. Cotton Trade Jour. 20(18): 5. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The work of the WPA Sea Island Cotton Project, sponsored by the Florida State Department of Agriculture is noted.
1648. Texas producers practicing better harvesting methods. Cotton and Cotton Oil Press 41(8): 18. Apr. 13, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.)
"The Texas A. and M. College Extension Service reports that Texas cotton farmers harvested 77.3 percent of their 1939 crop by picking as compared with 71.7 in 1938 and 61.5 in 1937."

1649. Varieties of cotton recommended for planting in standardized variety communities and areas in Texas. *Acce Press* 18(4): 8-9. Apr. 1940. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2
1650. Wassen, R. A. Cotton growing for 4-H club members. *La. Agr. Col. Ext. Cir.* 160, rev., 4pp. University, 1939.
Instructions as to variety, etc., are given.
1651. Young, P. A. Potash helps cotton resist wilt, rust, and drought. *Better Crops with Plant Food* 24(4): 6-7, 42-43. Apr. 1940. (Published by American Potash Institute Inc., Investment Bldg., Washington, D. C.) 6 B46

See also Items nos. 1617, 1624, 1654, 1666, 1687, 1690, 1739, 1740, 1743, 1744, 1747, 1750, 1754, 1756, 1757, 1761, 1774, 1811, 1904, 1914, 1926, 1930, 1946, 1947, 1948, 1952.

Diseases

1652. Baker, R. E. D. Distribution of fungous diseases of crop plants in the Caribbean region. *Trop. Agr. [Trinidad]* 17(5): 90-94. May 1940. (Published by the Imperial College of Tropical Agriculture, St. Augustine, Trinidad, West Indies) 26 T754
Cotton is included.
1653. Chand Luthra, Jai, and Vasudeva, R. S. The root-knot disease of cotton. *Current Sci.* 8(11): 511-512. Nov. 1939. (Published at Hebbal P. O., Bangalore, India) 475 Sci23
1654. Dusting cotton seed costs little and just about winds up grower's soreshin troubles. *Ariz. Farmer Prod.* 18(26): 4. Mar. 2, 1940. (Published at 313 North Third Ave., Phoenix, Ariz.) 6 Ar44
1655. Goidànich, Gabriele. L' "Aspergillus alliaceus" Thom et Church isolato da capsule di cotone coltivato in Sicilia. *R. Stazione di Patologia Vegetale, Bollettino* 19(4): 488-496. 1939. (Published at Via S. Susanna, 13, Roma (30), Italy) 464.9 R662
Bibliographical footnotes.
The "Aspergillus alliaceus" Thom and Church isolated from cotton bolls cultivated in Sicily.

1656. Watkins, G. M., and Watkins, Matilde Otero. A study of the pathogenic action of *Phymatotrichum omnivorum*. Amer. Jour. Bot. 27(4): 251-262. Apr. 1940. (Published by Botanical Society of America, Burlington, Vt.) 450 Am36
Literature cited, p. 262.

See also Items nos. 1926, 1947, 1948.

Insects

1657. Flea hopper control. Farm and Ranch 59(5): 11. May 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31
Tells of tests of flea hopper control by 12 McLennan County farmers.
1658. El "Gorgojo Paraguayo" del algodónero ha aparecido en nuestros algodones. Gaceta Algodonera 17(194): 26. Mar. 31, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
The "Paraguayan weevil" of cotton has appeared in our cotton.
1659. Maranhão, Zilcar C. Como combater as tres maiores e mais terriveis pragas do algodoeiro. Revista da Sociedade Rural Brasileira 20(235): 18-20. Mar. 1940. (Published at Ladeira Dr. Falcão, 56-9.º andar, Sao Paulo, Brazil) 9.2 B733
How to combat the three major and more terrible pests of cotton.
1660. Parsons, F. S. Investigations on the cotton bollworm, *Heliothis armigera*, Hübn. (obsoleta, Fabr.) Part II. The incidence of parasites in quantitative relation to bollworm populations in South Africa. Bul. Ent. Res. 31(1): 89-109. Apr. 1940. (Published at 41 Queen's Gate, London, S. W. 7, England) 421 G87
References, p. 109.
1661. Pre-square boll weevil control. Farm and Ranch 59(5): 35. May 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31
1662. Richardson, T. C. Ancient history still true. Acco Press 18(5): 14. May 1940. (Published by

Anderson, Clayton & Co., Houston, Tex.) 6 Ac2

"The whole theory of cheap and effective control of boll weevil, flea hopper, and leaf worm, is soundly based on killing the early broods rather than waiting for the early broods to multiply to threatening proportions."

1663. Siddall, Cameron. Determining cotton insect infestation. Prog. Farmer (Tex. ed.) 55(6): 8. June 1940. (Published at 1105 Southland Life Annex, Dallas, Texas) 6 T311

1664. Siddall, Cameron. Take the "guess" out of cotton insect control. Acco Press 18(5): 16. May 1940. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2

Use of approved insect control measures are advocated.

1665. Squire, F. A. On the nature and origin of the diapause in *Platyedra gossypiella*, Saund. Bul. Ent. Res. 31(1): 1-6. Apr. 1940. (Published at Queen's Gate, London, S. W. 7, England) 421 G87
References, pp. 5-6.

1666. Stone, L. T. Cotton insect control results in greater yield per acre and increased income for the farm family. Acco Press 18(4): 10-11. Apr. 1940. (Published by Anderson, Clayton & Co., Houston, Tex.) 6 Ac2

Reprinted from Cotton and Cotton Oil Press, March 2, 1940.

1667. [Thomas, F. L.] Cotton leafworm threatens Texas down Mexico way. Infestation discovered at Matamoros expected to cross Rio Grande. Cotton Trade Jour. 20(21): 1, 3. May 25, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Also in Cotton Digest 12(34): 5. May 25, 1940.

1668. [Thomas, F. L.] Flea hoppers hide in weeds waiting for cotton stands. Cotton Trade Jour. 20(19): 1. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Also in Cotton and Cotton Oil Press 41(10): 22. May 11, 1940; Cotton Digest 12(32): 5. May 11, 1940.

1669. [Thomas, F. L.] Insect report for Texas. Cotton Digest 12(31): 6. May 4, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
"The first of the 1940 reports on the cotton insect situation in Texas."
1670. [Thomas, F. L.] Insect report for Texas. Cotton Digest 12(33): 5. May 18, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
1671. Thompson, John C. Time to prepare. Acco Press 18(5): 15. May 1940. (Published by Anderson Clayton & Co., Houston, Tex.) 6 Ac2
Insect control is urged.
1672. Wellborn, Vera. Los insectos que atacan el algodón en El Salvador. El Café de El Salvador 10(3): 248-257. Mar. 1940. (Published by Asociación Cafetalera de El Salvador, San Salvador, El Salvador, C. A.) 68.28 C112
To be continued.
Insects which attack cotton in El Salvador.

See also Items nos. 1636, 1910, 1912, 1926, 1946, 1947, 1952.

Farm Engineering

1673. Lewis, F. M. Power in cotton. Capper's Farmer, May 1940, p. 26. (Published by Capper Publications, Inc., Topeka, Kans.) 6 M693
The advantages of using a tractor machine in cotton cultivation are cited.

See also Item no. 1947.

Farm Management

1674. Efferson, J. M. Some results of a farm management survey in Rapides, Union, Claiborne and DeSoto parishes, 1938. La. Agr. Expt. Sta. Bul. 317, 16pp. University, 1940.
"The most profitable combination of enterprises on the farms studied was a fairly large operating unit of both the cotton and the dairy enterprise. Farmers specializing in either of these two without a relatively large unit of the other made

lower returns than did those with a combination of both enterprises."

1675. Hurst, F. J. Mississippi's largest cotton farm. Prog. Farmer (Miss. Val. ed.) 55(2): 8, 30. Feb. 1940. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81

The Delta & Pine Land Company of Scott, Mississippi, is described.

1676. Moore, J. S., and Cowser, W. C. Dairying in Mississippi agriculture. The real value of pastures, feed crops, and dairy cows, when combined with cotton: a summary of results, showing effects of combining dairying and feed production with cotton production. Miss. Farm Res. 3(5): 3-6. May 1940. (Published by the Mississippi Agricultural Experiment Station, State College, Miss.)

See also Items nos. 1912, 1933.

Farm Social Problems

1677. Holcomb, Ernest J. Income and earnings of farm laborers. [34]pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bureau of agricultural economics, 1940.

"Presented before the Senate Committee on Education and Labor...May, 1940."

Includes income and earnings in the cotton belt.

1678. Holcomb, Ernest J. The sharecropper and wage laborer in cotton production. [61]pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bureau of agricultural economics, 1940.

"Presented before a Subcommittee of the Committee on Education and Labor, U. S. Senate, pursuant to S. Res. 266, Washington, D. C., May, 1940."

1679. Holley, William C. The farm labor situation in Texas. 14pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bureau of agricultural economics, 1940.

"Presented before the Senate Committee on Education and Labor...May, 1940."

Cooperation in Production (One-Variety Communities)

1680. One-variety acreage increases over U. S. Cotton Digest 12(31): 12. May 4, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
1681. Westbrook, E. C. Cotton is improved by one-variety plan. Better Crops with Plant Food 24(5): 17-19, 35-37. May 1940. (Published by American Potash Institute, Inc., Investment Bldg., Washington, D. C.) 6 B46
1682. [Westbrook, E. C.] One-variety cotton held increasing in importance. Georgia mills are served better by having state concentrate on longer staple length, with other crops available in other states, extension agronomist points out. Daily News Rec. no. 118, p. 5. May 18, 1940. (Published at 8 East 13th St., New York, N. Y.)
286.8 N48
- Extracts from address before the annual convention of the Cotton Manufacturers Association of Georgia, Sea Island Beach, Ga., May 17, 1940.

See also Item no. 1649.

PREPARATIONGinning

1683. Bennett, Charles A., and Gerdes, Francis L. Care and maintenance of cotton-gin saws and ribs. U. S. Dept. Agr. Cir. 393, rev., 20pp. Washington, 1939. 1 Ag84C
1684. Bennett, Charles A., and Gerdes, Francis L. Preliminary report on 1939-1940 developments at the U. S. Cotton ginning laboratory. 5pp., processed. Washington, U. S. Dept. of agriculture, Bureau of agricultural chemistry and engineering, 1940.
ACE no. 3119
- "Presented by the senior author before a meeting of the Oklahoma Cotton Ginners' Association, April 25, 1940."

1685. Bennett, Chas. A., and Gerdes, Francis L. Research developments at the U. S. Cotton ginning laboratory. 5pp., processed. [Washington, U. S. Dept. of agriculture, Bureau of agricultural chemistry and engineering, 1940]
ACE-50
"Presented by the senior author before a meeting of the Georgia Cotton Ginners Assn., May 9, 1940."
1686. Co-op gins in Texas now exceed 400 and gin 25 per cent entire crop. Tex. Co-op. News 20(5): 6. May 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Ervay St., Dallas, Tex.) 72.9 T315F
1687. Faria, Carlos V. O descaroçamento do algodão Mocó, Ouro Branco 5(9): 10-12. Jan. 1940. (Published at Rua Assembléia, 209, São Paulo, Brazil)
The ginning of Mocó cotton.
1688. FitzSimmonds, A. L. Ginners are doing a good job with improved cotton. Cotton and Cotton Oil Press 41(8): 24. Apr. 13, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.)
1689. [Georgia cotton ginners' association] Georgia ginners oppose seed grading, net weight bills, re-elect officers. Cotton and Cotton Oil Press 41(10): 20. May 11, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Report of meeting held in Atlanta, Ga., May 9, 1940.
1690. Gerdes, Francis L., and Bennett, Charles A. Cotton-quality improvement with particular reference to ginning. 7pp., processed. Washington, U. S. Dept. of agriculture, Agricultural marketing service, 1940.
Issued in cooperation with the Bureau of Agricultural Chemistry and Engineering.
"Presented by the senior author before a meeting of the Alabama Cotton Ginners' Association, Birmingham, Ala., May 22, 1940."
1691. Gerdes, Francis L., and Bennett, Charles A. Essentials of good ginning. 5pp., processed. Washington, U. S. Dept. of agriculture, Bureau of

agricultural chemistry and engineering, 1940.

ACE no. 3137.

Issued in cooperation with the Agricultural Marketing Service.

"Presented by the senior author before a meeting of the Tennessee Cotton Ginners' Association, Jackson, Tenn., May 30, 1940."

1692. [Texas cotton ginners' association] Important resolutions adopted. Cotton Ginners' Jour. 11(8): 17-19. May 1940. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824

The texts of resolutions relating to the Fulmer bill, the seed grading bill, methods of reporting information concerning AAA, increase in Texas cotton allotment, and cooperative action, are given.

1693. [Texas cotton ginners' association] Texas ginners' convention big success; elect R. R. Ramey president. Cotton and Cotton Oil Press 41(8): 17, 20. Apr. 13, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Report of the 31st annual convention in Dallas, Texas "last week."

1694. U. S. Dept. of agriculture. Agricultural marketing service. Better ginning for better cotton. Cotton Digest 12(32): 7, 14. May 11, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

See also Items nos. 1869, 1885, 1891, 1915, 1930, 1934.

Baling

1695. [American cotton shippers' association] Complaints regarding treated cotton ties being received. Cotton and Cotton Oil Press 41(10): 21. May 11, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

"Ties which apparently have been treated with a tar and oil preparation" have damaged the cotton.

1696. Cotton bands for bales. Textile Rec. 57(684): 43. Mar. 1940. (Published at Old Colony House,

Manchester, 2, England) 304.8 T311

"In view of the difficulty of obtaining steel bands for the baling of cotton, experiments have been proceeding for some time with a view to the use of bands made of cotton. These experiments having proved successful, the authorities have consented to this new method being employed, and it is expected that much of the cotton leaving Brazil this year will be secured with cotton bands." - Entire item.

1697. [Wright, John W.] Bale cutting during compression subject of talk to warehousemen. Responsibility shared between growers, ginnerers, compressmen, claim. Cotton Trade Jour. 20(18): 6. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Extracts from address delivered before the annual meeting of the National Cotton Compress and Cotton Warehouse Association, held in New Orleans, April 29-30, 1940.

See also Items nos. 1689, 1842, 1851, 1852, 1866, 1876, 1882, 1887, 1889, 1934.

MARKETING

Demand and Competition

1698. [Baddeley, T. V.] The Millowners' association, Bombay. Indian Textile Jour. 50(594): 167-168. Mar. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2

Extracts from address before the annual general meeting March 11, 1940.

Prospects of the industry, Indo-Japanese trade agreement and the American cotton subsidy were among the topics discussed.

1699. Bell, Spurgeon. Productivity, wages and national income. 344pp. Washington, The Brookings institution, 1940. (Institute of economics. Publication no. 81) 280.12 B41

Chapter IX: The cotton textile industry, pp. 135-148; Cotton textiles (Distribution of income) pp. 303-308; Cotton textiles (Productivity gains) pp. 333-335.

1700. [Bennett, E. Howard] Rayons or cottons. Amer. Wool and Cotton Rptr. 54(14): 1, 37-38. Apr. 4, 1940. (Published by Frank P. Bennett & Co., Inc., 550 Atlantic Ave., Boston, Mass.) 304.8 W88
An editorial comparing the merits of cotton and rayon for use in tire cords.
1701. British textile union asks more cotton imports. Lancashire export trade and exchange for raw cotton urged at conference. Cotton Trade Jour. 20(19): 6. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C6214
Text of a resolution prepared for presentation before the annual meeting of the United Textile Factory Workers' Association of Great Britain, is given.
1702. Canada. Dept. of trade and commerce. Dominion bureau of statistics. Census of industry. General manufactures branch. Report on the artificial and real silk industry in Canada, 1938. 18pp., processed. Ottawa, 1940. 253 C332I
1703. Canada. Dept. of trade and commerce. Dominion bureau of statistics. Census of industry. General manufactures branch. Report on the cotton textile industries in Canada, 1938. 55pp., processed. Ottawa, 1940. 253 C332I
1704. Caterson, Herbert. Drop in demand abroad for U. S. cotton forecast. Daily News Rec. no. 107, pp. 1, 16. May 6, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
The effect of the war on the demand for American cotton is discussed.
1705. Cavallo, Edilberto. L'exportazione cotoniera Italiana ed il suo significato autarchico. Bollettino della Cotoniera 35(1): 3-4. Jan.-Feb. 1940. (Published at Via Borgonuovo, 11, Milano, Italy) 304.8 B63
Italian cotton [goods] exports and their autarchic significance.
1706. Cotton the vital factor. Textile Mercury and Argus 102(2659): 255. Mar. 8, 1940. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318
Editorial on the plans to foster the British export trade in cotton textiles.

1707. [Cox, A. B.] Export outlook poor, believes Cox. Cotton Digest 12(34): 4. May 25, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
1708. Data on new Japan wool-like fiber from seaweed given. Daily News Rec. no. 117, p. 14. May 17, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
The process for making the fiber is briefly outlined.
1709. First cotton relief stamps find way quickly into Memphis stores. Daily News Rec. no. 111, p. 1, May 10, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Brief report of the experience in Memphis on the day that the cotton stamp plan went into effect.
1710. Franklin, Harry L. Wartime agricultural and food control in Germany. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Agr. 4(4): 181-220. Apr. 1940. (Published in Washington, D. C.)
Tables show utilization of textile raw materials in Germany, 1933 and 1938, and production, 1938.
1711. General mill strike in Bombay. Labour turns down Conciliation board's recommendations. Most mills closed: 160,000 workpeople affected. Indian Textile Jour. 50(594): 164-166. Mar. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
1712. India's textile industry. Textile Mercury and Argus 102(2663): 364. Apr. 5, 1940. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318
"An interesting survey on the Indian textile industry, with special reference to the possible effects of the present European war on the industry by Seth Harkisandas Lakshmidas," is briefly summarized.
1713. Indo-Japanese trade relations. Textile Mercury and Argus 102(2662): 338. Mar. 29, 1940. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318
The effect of the termination of the trade treaty between Japan and the United States on Indo-Japanese relations is commented upon.

1714. Jamieson, Edward. New barter deal, cotton for tin, rubber, is seen. U. S. seeks to fill own needs, meet Britain's dollar exchange lack. Cotton Trade Jour. 20(19): 8. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1715. Japan-India pact may hurt U. S. Cotton Digest 12(31): 10. May 4, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 "It is becoming increasingly probable that the United States will find it difficult to maintain its present volume of exports of cotton to Japan, its second largest foreign customer, the New York Cotton Exchange believes."
1716. Japan-U. S. trade to swell, cotton to share, is view. Japanese goodwill ambassador takes more optimistic view of outlook. Cotton Trade Jour. 20(21): 1, 7. May 25, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 The views of Kaju Nakamura are given.
1717. Japanese cotton spinners to curtail 10% for 3 months. Daily News Rec. no. 116, p. 11. May 16, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
 The action was designed to reduce excess stocks of cotton textiles.
1718. Japanese cottons export outlook considered poor. Heavy stock despite partial curtailment, difficulty of further cutting output noted by newspaper. Daily News Rec. no. 120, p. 23, May 21, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
 Comment by the daily newspaper, Asahi, is noted.
1719. Japan's exports of cotton piece goods increase in 1939. U. S. Bur. Foreign and Dom. Com., Com. Rpts. no. 16, p. 380, Apr. 20, 1940. (Published in Washington, D. C.) 157.C76D
1720. Johnston, Oscar. South seeks new uses for cotton. Larger and more diversified domestic consumption regarded as permanent solution of problems of cotton growers. Jour. Com. [N. Y.] 184(14236, sec. 2): 20-21. May 20, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

1721. McPherson, John A. Cotton textiles today and tomorrow. Textile World 90(5): 72-75. May 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
1722. Mooney, Booth. Cotton week and the real problem. Tex. Weekly 16(19): 4-5. May 11, 1940. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31
The author considers the real problem to be an increase in exports of American cotton.
1723. Murray, John W. Textiles key southern industry. Over 80 p. c. of nation's spindles are in cotton-growing states--conversion of mills to spun rayon and worsteds current trend. Jour. Com. [N. Y.] 184(14236, sec. 2): 22, 34. May 20, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
1724. [New York cotton exchange] Warring nations reduce consumption. Cotton Digest 12(32): 4. May 11, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
1725. Nine new textile plants for North Carolina in 1940. Twenty-six additions to existing plants also made in year thus far. Cotton Trade Jour. 20(19): 8. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1726. The organization of export trade. Sir Andrew Duncan's speech at Chamber luncheon. Conferences with export interests. Manchester Chamber of Com. Monthly Rec. 51(4): 107-111. Apr. 30, 1940. (Published at Ship Canal House, King St., Manchester, 2, England) 287 M31
The means of developing export trade in the British cotton textile industry were discussed.
1727. The outlook for textile manufacturers. Textile Weekly 25(633): 455, 461. Apr. 19, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
An editorial "dealing with the economic and social problems of the manufacturing section" of the textile industry of Great Britain.

1728. Pervel, a new cellulose material. Pulp and Paper Mag. Canada 38(13): 903. Dec. 1937. (Published by the Technical Section, Canadian Pulp and Paper Association, Gardenvale, Quebec, Canada) 302.8 P96

The material made from Solka, a cellulose fiber, can be fabricated into many articles of general use "all intended to sell to the consumer at less than the cost of laundering."

1729. Portuguese cotton market activity reflects dull textile trade. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(20): 647-648. May 18, 1940. (Published in Washington, D. C.) 1.9 St2F

Brief report of the current situation in the Portuguese textile industry and stating that "the Portuguese cotton-textile industry is relatively small, having only about 440,000 spindles in operation at the end of January, 1939." A table showing the exports of cotton piece goods by types, 1937-1939 is included.

1730. Riemer, Harry. Cotton use in U. S. can rise by 25% Murchison holds. Daily News Rec. no. 101, pp. 1, 13. Apr. 29, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

Statement of Dr. Claudius T. Murchison at the convention of the American Cotton Manufacturers Association, White Sulphur Springs, W. Va., April 26-27, 1940, is noted.

1731. Steady decline in American stocks in England foreseen. Supplies past peak--new crop forward sales hampered by freight, exchange difficulties. Jour. Com. [N. Y.] 184(14218): 17A-18A. Apr. 29, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

A discussion "of the British cotton and textile situation as they are affected by the war in Europe."

1732. Textiles in the Argentine. Great Britain holds the leading place. Textile Rec. 57(684): 12. Mar. 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311

1733. Tono de la Espriella, Augusto. El gobierno Americano auxilia a los exportadores de productos de algodón manufacturados en Norte América. Revista Nacional de Agricultura 35(428): 176-180. Feb. 1940. (Published by Sociedad de Agricultores de Colombia, Bogota, Colombia) 9.4 R32
The American government helps the exportation of products of cotton manufactured in North America.
1734. Tremelloni, Roberto. L'economia tessile e la guerra. III: Le industrie cotoniere dei paesi belligeranti. Bollettino della Cotoniera 35(1): 7-11. Jan.-Feb. 1940. (Published at Via Borgonuovo, 11, Milano, Italy) 304.8 B63
Textile economy and the war. III. The cotton industry of the belligerent countries.
1735. U. S. Dept. of agriculture. Federal surplus commodities corporation. Designation of area under cotton stamp plan. Fed. Register 5(88): 1636. May 4, 1940. (Published by National Archives, Washington, D. C.) 169 F31.
1736. The war and the United States' textile trade. Textile Rec. 57(684): 14. Mar. 1940. (Published at Old Colony House, Manchester, 2, England) 304.8 T311
1737. Wong, C. C. China's cotton industry faces problems. Far Eastern Rev. 36(1): 36-37. Jan. 1940. (Published at Yokohama Specie Bank Bldg., The Bund, Shanghai, China) Libr. Cong.
Reduced production, lack of transportation facilities, disorder caused by guerillas, depreciation of the Chinese dollar and difference of prices in the cotton-producing areas and in the Shanghai market are among the problems mentioned.
1738. Wood, Charles P. Wood explains social, economic trends in cotton textiles. Engineer urges more unified control over merchandising, output, financial functions. Jour. Com. [N. Y.] 184 (14218): 7A, 12A. Apr. 29, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
References, p. 12A.
Address at meeting of American Cotton Manufacturers Association, White Sulphur Springs, W. Va., April 26-28, 1940.

See also Items nos. 1741, 1742, 1751, 1767, 1781, 1851, 1888, 1894, 1895, 1903, 1905, 1918, 1928, 1934, 1935, 1952.

Supply and Movement

1739. Afghanistan to grow cotton. Financ. News 8(9): 14. Mar. 2, 1940. (Published at Yusuf Bldg., 43, Esplanade Road, Fort, Bombay, India) 286.8 F496
"With a view to encouraging the cultivation in Afghanistan, the Afghan Government have decided to abolish all taxes on cotton for a period of one year. Orders to this effect have been issued by the Ministry of Economic Affairs." - Entire item.
1740. Caterson, Herbert. Cotton area rise of 8.9% forecast. 27,033,000 acres will be planted, Fairchild publications estimate. Daily News Rec. no. 79, p. 17, Apr. 3, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
1741. Chinese cotton acreage expected to be expanded. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(21): 674-676. May 25, 1940. (Published in Washington, D. C.) 1.9 St2F
Estimates for 1940 indicate an increase of 20 to 25 percent above last year's estimated harvest of about 1,900,000 bales of 478 pounds net. Table shows supply and utilization, 1937-38 to 1939-40.
Also noted in Cotton Digest 12(35): 3. June 1, 1940.
1742. Cox, A. B., and Johnson, Elmer H. Cotton situation. Tex. Business Rev. 14(3): 12-13. Apr. 27, 1940. (Published by Bureau of Business Research, University of Texas, Austin, Tex.) 230.8 T312
The cotton situation and the causes of the decline of cotton production in Texas are discussed briefly.
1743. El cultivo del algodón en el sudeste de Europa. Argentine Republic, Junta Nacional del Algodon, Boletin Mensual, no. 53, pp. 69-75. Feb. 1940. (Published in Buenos Aires, Argentina) 72.9 Ar3
The cultivation of cotton in southeast Europe.
Translated from the December 13, 1939 issue of the Weekly Report of the German Institute for Business Research.

1744. Different types of cotton produced in Afghanistan.
 Indian Textile Jour. 50(594): 174. Mar. 1940.
 (Published at Military Square, Fort, Bombay,
 India) 304.8 In2
 From an article which appeared in Iqtisad, no.
 197, May 21, 1939.
 The types are compared to American cotton
 standards.
1745. Demtas, Jose Garibaldi. Brazilian cotton estimate
 reduced. Crop is expected to yield 270,000,000
 kilos--rain subnormal. Jour. Com. [N. Y.] 184
 (14218): 2, 11. Apr. 29, 1940. (Published at
 63 Park Row, New York, N. Y.) 226.8 J82
 A discussion of the Brazilian cotton situation.
1746. [Dowell, C. T.] Louisiana cotton quality improved.
 Staple increase results in \$700,000 premium,
 Dowell reports. Jour. Com. [N. Y.] 184(14218): 11.
 Apr. 29, 1940. (Published at 63 Park Row, New
 York, N. Y.) 226.8 J82
1747. Georgia's better cotton. Prog. Farmer (Ga.-Ala.-
 Fla. ed.) 55(5): 65. May 1940. (Published at
 321 North Nineteenth St., Birmingham, Ala.)
 6 P945G
 Chart shows by years, 1928-1939, the per cent
 of the total crop 15/16-inch and longer.
1748. Hazen, N. William. Turkish agriculture--changing
 agro-economic policy. U. S. Dept. Agr. Off.
 Foreign Agr. Relat. Foreign Agr. 4(9): 221-272.
 Apr. 1940. (Published in Washington, D. C.)
 Cotton, pp. 232-233.
1749. Hunt, W. R. Spinning quality adds to cotton
 value. Amer. Cotton Grower 5(12): 8. May 1940.
 (Published at 535 Gravier St., New Orleans, La.)
 72.8 C8214
 Growers are urged to consider the spinning
 quality of their cotton.
1750. Italy. Laws, statutes, etc. Circolare n. 459 del
 10 marzo 1940 - XVIII. Estendimento e incremento
 della coltura del cotone. Italy. Ministero dell'
 Agricoltura e delle Foreste. Bollettino Uffi-
 ciale 12(8-9): 404-405. Mar. 11-21, 1940. (Pub-
 lished by the Istituto Poligrafico dello Stato,
 Rome, Italy) 16 It13
 Circular no. 459 of March 1, 1940--XVIII. Ex-
 tending and increasing cotton cultivation (in Italy).

1751. Japanese cotton market glutted; inventories high. Expected textile boom's failure to materialize leaves Japan overbought. Cotton Trade Jour. 20(19): 6. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1752. Kobe and Osaka wharves piling up with cotton. Payment for large speculative purchases awaits exchange permits. Cotton Trade Jour. 20(19): 6. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1753. Kyle, E. J. Influences destructive to the cotton industry. Tex. Co-op. News 20(5): 6. May 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Ervay St., Dallas, Tex.) 72.9 T315F
The cotton problem as it relates to Texas is discussed.
1754. Little, Herschel W. The quality of Louisiana cotton. La. Rural Econ. 2(2): 3-5. Apr. 1940. (Published by the Louisiana State University Press, University, La.)
A summary for the years 1936-1939.
1755. Londõno L., Leonidas. Informe sobre la industria algodonera en el Brasil. Revista Nacional de Agricultura 35(428): 166-169. Feb. 1940. (Published by the Sociedad de Agricultores de Colombia, Bogotá, Colombia)
Report on the cotton industry in Brazil.
This is the text of a communication to the Minister of Foreign Relations at Bogotá from the Colombian consul general at São Paulo, reporting on the Brazilian cotton industry; touching upon production, the effects of the extraordinary development of the industry, the low cost of production and the reasons for it; and recommending measures for the Colombian industry.
1756. Norris, P. K. Cotton production in Mexico. U. S. Dept. Agr., Off. Foreign Agr. Relat., F. S. 65 rev., 13pp., processed. Washington, 1940. 1.9 Ec752
1757. Peruvian cotton production in 1940 about equal to 1939 record crop. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(19):

617-618. May 11, 1940. (Published in Washington, D. C.) 1.9 St2F

A table showing exports from Peru by countries of destination, January to March 1940, with comparisons for 1937, 1938 and 1939 is given.

1758. Randolph, Walter L. The cotton export program.

Nation's Agr. 15(3): 7, 10-11. Mar. 1940.

(Published by the American Farm Bureau Federation, 58 East Washington St., Chicago, Ill.)

280.82 B89

The effects of the export subsidy program are summarized.

1759. Resultados del desmote en la campaña 1938-39.

Argentine Republic, Junta Nacional del Algodon, Boletin Mensual, no. 58, pp. 62-68; Feb. 1940.

(Published in Buenos Aires, Argentina)

72.9 Ar3

Results of ginning in the campaign of 1938-39 in Argentina.

1760. Rumania plants cotton. Cotton Trade Jour. 20(20):

2. May 18, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

An editorial commenting on the plans for increasing the production of cotton in Rumania.

1761. Rumania to increase acreage planted to cotton.

U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(19): 617. May 11, 1940.

(Published in Washington, D. C.) 1.9 St2F

Under the 5-year agricultural program recently announced, it is planned to increase the acreage from an average of about 190,000 acres to 741,000 acres.

1762. Russia to expand production, says report from Rome.

Cotton Trade Jour. 20(21): 6. May 25, 1940.

(Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1763. Skliar, Robert. Japan's cotton import trade

reduced by restrictions. U. S. Bur. Foreign and Dom. Com., Com. Rpts. no. 18, p. 415. May 4, 1940. (Published in Washington, D. C.)

157 C76D

Table showing imports by principal countries for the calendar years 1933 to 1939 is given.

1764. Subsidy exports through April. Cotton Digest 12(33): 12. May 18, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Sales and deliveries of cotton under the export program have amounted to 6,278,000 bales since its inception July 27, 1939.
Also in Cotton Trade Jour. 20(20): 7. May 18, 1940.
1765. Subsidy not needed if we lower tariff. Cotton Digest 12(34): 8. May 25, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An editorial.
1766. Thailand's cotton industry. Textile Colorist 61(732): 837. Dec. 1939. (Published at 233 Broadway, New York, N. Y.) 306.8 T31
"During each of the last three years production of lint cotton in Thailand has approximated 3,500,000 pounds. More than a million pounds of seed cotton were exported from Thailand in the fiscal year 1938, Japan absorbing the great bulk of these shipments. In the same period exports of lint cotton totaled 750,000 pounds, more than 80 per cent of which went to Germany."
1767. Todd, John A. Cotton statistics. Textile Mfr. 66(784): 131-132, 134. Apr. 1940. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
Contains tables showing production of cotton in African non-British colonies, 1929-30 to 1938-39; production of Indian cotton by varieties, 1934-35 to 1938-39; quality of the American crop, 1927-28 to 1938-39; and United States cotton consumption by varieties, 1938-39.
1768. U. S. cotton imports to be reduced. Textile Weekly 25(634): 488. Apr. 26, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
Beginning May 1, freight space will be allowed for cotton at the rate of 50,000 bales per month, of which 20,000 will be barter cotton.
1769. U. S. Dept. agriculture. Agricultural marketing service: Cotton growing in China. Cotton Digest 12(32): 10. May 11, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
The present situation in China is briefly described.

1770. [U. S. Dept. of agriculture. Agricultural marketing service] Soviet's cotton production near practical limit. Agricultural marketing service radio script tells of Russian efforts. Cotton Trade Jour. 20(21): 7. May 25, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Extracts from a radio broadcast entitled "Cotton in Russia."
 Also in Cotton Digest 12(34): 10-11. May 25, 1940.

1771. U. S. Department of agriculture. Office of foreign agricultural relations. United States foreign trade in agricultural products, 1939. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 40(17-sup.): 537-580. Apr. 27, 1940. (Published in Washington, D. C.) 1.9 St2F
 Includes exports and imports of cotton.

See also Items nos. 1630, 1641, 1643, 1630, 1681, 1682, 1698, 1715, 1774, 1776, 1787, 1888, 1893, 1894, 1897, 1903, 1908, 1914, 1934, 1952.

Prices

1772. Actual cotton prices have held up well, trade insists. Daily News Rec. no. 122, pp. 13, 18. May 23, 1940. (Published at 8 East 13th St., New York; N. Y.) 286.8 N48
 Attention is called to "the fact that the cotton exchange or board prices do not reflect what the mills actually have to pay for their cotton."
1773. Caterson, Herbert. Raw cotton price distortion by war may be temporary. Analyst declares wide difference between spot and futures will not last as foreign holdings are liquidated. Daily News Rec. no. 125, pp. 1-2. May 27, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
1774. Il cotone italiano. Notevole aumento dei prezzi in relazione alle varietà--L'attuale produzione dovrà essere triplicata. Giornale di Agricoltura della Domenica 50(8): 57-58. Feb. 25, 1940. (Published at Palazzo Margherita, Via Vittorio Veneto, Rome, Italy) 16 It1G
 Italian cotton. Remarkable increase in price

in relation to variety--Present production should be tripled.

1775. Haag, H. M. Missouri farm prices since 1910. Mo. Agr. Expt. Sta. Res. Bul. 312, 47pp. Columbia, 1940.

Includes index numbers of farm prices of cotton and cottonseed, by months, 1910-1939.

1776. [Murchison, Claudius T.] Finds mills paying high cotton prices. Murchison explains unusual conditions surrounding raw material supply. Jour. Com. [N. Y.] 184(14242): 12. May 27, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

Extracts from address before the annual meeting of the Cotton Manufacturers' Association of South Carolina, High Hampton, N. C., May 25, 1940.

1777. Será una medida de buen gobierno en economía política y social, defender los precios de los productores de algodón. Gaceta Algodonera 17 (194): 1-3. Mar. 31, 1940. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

It will be the measure of good government in political and social economy to maintain the prices of the products of cotton.

See also Items nos. 1737, 1786, 1890, 1934.

Marketing and Handling Methods and Practices

1778. Alexandria market closed by government. Cotton Digest 12(33): 4. May 18, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"The Egyptian government Tuesday closed indefinitely the Alexandria cotton market, the third largest in the world, to halt falling prices and speculative operations, it was officially announced in Alexandria and Liverpool this week." - Entire item.

Also reported in Jour. Com. [N. Y.] 184(14232): 16. May 15, 1940; Cotton Trade Jour. 20(20): 6. May 18, 1940.

1779. American cotton shippers association. Annual bulletin. Committee reports and resolutions adopted in the fifteenth annual convention...Memphis, Tennessee, April 28 and 29, 1939. 44pp., processed. [Memphis, 1940] 280.39 [Am] 1939

1780. Anthony's cotton plan. Cotton Digest 12(31): 14.
May 4, 1940. (Published at 710 Cotton Exchange
Bldg., Houston, Tex.) 286.82 C822
From the Dallas News.
"Voicing the viewpoint of informed cotton
interests of Texas and the Southwest, Marc Anthony,
Dallas cotton shipper, in his annual address as
president of the American Cotton Shippers Associa-
tion last week at New Orleans, left little doubt
in the minds of those who heard him that the way
to stay in the cotton business is to continue in
the cotton export business, as well."
1781. Brussels. Bourse aux textiles. Les conditions de
vente de crédit dans le textile. Notre assemblée
générale extraordinaire du 20 septembre 1939.
Brussels. Bourse aux Textiles, Bulletin Bimensuel
9(1): 1-2. Oct. 7, 1939. (Published at Place
Rogier, 6, Bruxelles, Belgium) 304.9 B83B
Conditions of sale and of credit in the textile
industry. Our extraordinary general meeting of
September 20, 1939.
1782. Egypt's cotton crisis. Jour. Com. [N. Y.] 184(14233):
2. May 16, 1940. (Published at 63 Park Row,
New York, N. Y.) 286.8 J82
Editorial on the reasons for the closing of
the Alexandria cotton exchange.
1783. [Layton, C. Merritt] Cotton problems mostly man-
made is Merritt view. Faulty distribution system,
international trade barriers are hit. Cotton
Trade Jour. 20(21): 3. May 25, 1940. (Published
at Cotton Exchange Bldg., New Orleans, La.)
72.8 C8214
Extracts from a radio address delivered over
WWL, May 18, 1940, in the interest of National
Cotton Week.
1784. Liverpool market remains closed. Cotton Digest
12(34): 3. May 25, 1940. (Published at Cotton
Exchange Bldg., Houston, Tex.) 286.82 C822
1785. Luetkens, Charlotte. The exchange. Ciba Rev. no.
19, pp. 658-680, 683-687. Mar. 1939. (May be
obtained from the Ciba Company, 627 Greenwich
St., New York, N. Y.)
References, p. 687.
Partial contents: The economic significance of
the modern exchange, pp. 658-664: Fore-runners

of the exchange, pp. 665-671; The development of the exchange, pp. 672-680; From the history of speculation, pp. 683-687.

1786. Severance, J. L. Cotton prices up. Liverpool closes. Grain price move arouses fears in cotton--Only Bombay open abroad. Jour. Com. [N. Y.] 184(14237): 1, 15. May 21, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

The Liverpool Cotton Association was closed to trading for three days, beginning May 20, 1940.

See also Items nos. 1782, 1921, 1930, 1945, 1948.

Marketing Services and Facilities

1787. Caterson, Herbert. May keep cotton export subsidy for the Americas. Trade also expects loan program equal to or in excess of last year's level. Daily News Rec. no. 119, p. 1. May 20, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

1788. Chicago Board of trade. Rules and regulations... January 3, 1940. 311pp. [Chicago, 1940] 287 C43Ru

1789. [Conrad, Carl M., and Webb, Robert W.] Need character standardization as aid to quality improvement. Cotton Trade Jour. 20(18): 7. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C82l4

Extracts from a report entitled, "Problem of Character Standardization in American Raw Cotton," issued in July 1935, by the Bureau of Agricultural Economics of the U. S. Department of Agriculture.

1790. Cotton marketing news service is in its 21st year. Dunagin, Marketing specialist in charge, began service in Atlanta. Cotton Trade Jour. 20(18): 7. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C82l4

The Market News Service of the Agricultural Marketing Service of the U. S. Department of Agriculture is commented upon.

1791. [Johnston, Oscar] Warehouse ranks high in industry importance view. Johnston tells warehousemen's convention their role of great importance. Cotton Trade Jour. 20(18): 1, 8. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Extracts from address before the annual meeting of the National Cotton Compress and Cotton Warehouse Association, held in New Orleans, April 29-30, 1940.

1792. Loan on next crop is probable. Cotton Digest 12(32): 8. May 11, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial.

1793. Mississippi completes ass'n organization. Cotton Digest 12(31): 12. May 4, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"Organization work was perfected at New Orleans this week on the Mississippi Valley Interior Cotton Compress and Cotton Warehouse Association."

1794. National warehouse convention hears distinguished speakers. Annual meeting, Monday and Tuesday, productive of constructive work. Cotton Trade Jour., 20(18): 1, 6. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Report of annual meeting of the National Cotton Compress and Cotton Warehouse Association held in New Orleans, Apr. 29-30, 1940.

Also reported in Cotton Digest 12(31): 10. May 4, 1940.

1795. N. O. port reform to aid interior is Jewell's view. Governor-elect Jones' choice of men to right port wrongs is lauded. Cotton Trade Jour. 20(19): 1, 3. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The appointment of E. O. Jewell as chairman of a committee to investigate conditions affecting the Port of New Orleans is commented upon.

1796. [Seibels, Edwin G.] Underwriter urges warehousemen to cooperate in risk reduction. Seibels analyzes cotton insurance problems, says business

unprofitable. Cotton Trade Jour. 20(18): 1, 3. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Extracts from address before the annual meeting of the National Cotton Compress and Cotton Warehouse Association, held in New Orleans, La., April 29-30, 1940.

Also in Cotton Digest 12(31): 4, 13. May 4, 1940.

1797. Seibels insurance talk rouses ire of warehousemen.. Specially compiled data indicates risk companies are thriving. Cotton Trade Jour. 20(19): 3. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Comment on address of Edwin G. Seibels, delivered before the annual meeting of the National Cotton Compress and Cotton Warehouse Association, New Orleans, La., April 29-30, 1940.

1798. Sins [Simmons?], Milton. Government classing of cotton fatally handicapped, is claim. Instances of alleged ineffectiveness cited, character factor discussed. Cotton Trade Jour. 20(20): 5, 8. May 18, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1799. [Suter, George D.] Fire protection, fire prevention discussed in address by engineer. Suter tells warehousemen of fire hazards and how to deal with them. Cotton Trade Jour. 20(18): 1, 3. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Extracts from address before the convention of the National Cotton Compress and Cotton Warehouse Association, held in New Orleans, April 29-30, 1940.

1800. [U. S. Dept. of agriculture. Agricultural marketing service] Stoneville group is first to file for free classing. Cotton Trade Jour. 20(21): 5. May 25, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

An announcement of the receipt of an application for free classing by the Stoneville Certified Seed Company, Stoneville, Washington County, Miss., by the Memphis Office of the Agricultural Marketing Service.

1801. U. S. Dept. of agriculture. Commodity credit corporation: Cotton swapping program of CCC is nearing close. Termination set for Wednesday; swappings total 216,135 bales. Cotton Trade Jour. 20(19): 5. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1802. U. S. Dept. of agriculture. Commodity credit corporation: Cotton swapping program to end May 15, say CCC. Agency's offer to exchange low grades for other grades being withdrawn. Cotton Trade Jour. 20(18): 1. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Also in Cotton Digest 12(31): 3. May 4, 1940.

See also Items nos. 1785, 1808, 1865, 1867, 1871, 1872, 1886, 1888, 1900, 1934, 1945.

Marketing Costs

1803. [Estes, L. D.] Lower rates for cotton. Farm and Ranch 59(5): 27. May 1940. (Published at 3306 Main St., Dallas, Tex.) 6 T31

"The Texas Cotton Growers Association reports that a hearing held in Dallas recently resulted in a reduction of rail rates on cotton to Texas Gulf ports." A table gives the amount of reduction per bale.

1804. Southwestern rail rate cut promises \$700,000 economy. Subject to ICC approval new rates mean large savings to cotton growers. Cotton Trade Jour. (Tex. Cotton Assoc. Convention Special) 20(13): 1. Mar. 30, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1805. Truck competition brings 3rd cut in cotton rail rates. ICC authorizes lowering of rail tariffs to ports and textile mills. Cotton Trade Jour. 20(20): 8. May 18, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

See also Item no. 1921.

Cooperation in Marketing

1806. ACCA persecuted, says resolution on recent slurs. Williamson is re-elected president; Creekmore still general manager. Cotton Trade Jour.

20(13): 7. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Brief report of meeting of American Cotton Cooperative Association, April 26, 1940.

1807. Barton, James. News from the capitol...Cotton co-op. files claim. Cotton Digest 12(31): 5, 12. May 4, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 236.32 C822

"Suit to recover \$4,200,000 allegedly due the American Cotton Co-operative Association by the government will be filed without delay" it is said by officials of the cooperative.

1808. Herrman, Omer W. Cooperative cotton warehousing for Georgia. News for Farmer Coop. 7(2): 7-9. May, 1940. (Published by U. S. Farm Credit Administration, Washington, D. C.)

In Georgia "the distance between the farmer and the cotton mill is very short. Any method of selling that is to succeed must bridge this gap with a minimum of handling and marketing expense. The co-op program of combining warehousing and selling services has demonstrated that this can be done at a saving to its members."

1809. [Texas cotton growers association] T. C. G. A. holds successful annual meeting. Tex. Co-op. News 20(5): 3. May 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Ervay St., Dallas, Tex.) 72.9 T315F

Report of annual meeting held in Dallas, Texas, May 13, 1940.

UTILIZATION

Fiber, Yarn and Fabric Quality

1810. Béha, R. Le traitement chimique du coton en bourre. Industrie Textile 54(613): 560-561. Nov. 1937. (Published at 171, Rue du Faubourg Poissonnière, Paris 9e, France) Libr. Cong.

The chemical treatment of loose cotton.

"Directions are given for bucking and bleaching. Bucking with 1% NaOH, 1% Na₂CO₃, 0.5% Na sulforicineolate or, better, with gardinol and 97.5% Fe-free water is recommended. Bleaching is done with hypochlorite acidified with HCl; dechlorination, with NaHSO₃. - M. G. M." - Chem. Abs. 33(21): 9000. Nov. 10, 1939.

1811. Campbell, Malcolm E., and Lee, Roland L., jr.
Spinning and fiber properties of six American upland cottons grown at Stoneville, Miss., crop of 1939. 17pp., processed. Washington, U. S. Dept. of agriculture, Agricultural marketing service, 1940.

Issued in cooperation with the Bureau of Plant Industry, Mississippi Agricultural Experiment Station, Texas Agricultural Experiment Station and the Engineering Experiment Station of the Agricultural and Mechanical College of Texas.

1812. Centola, Germano. Nitrazione di materiali cellulosici impuri. *Annali di Chimica Applicata* 28(11): 468-474. Nov. 1938. (Published at Via Quattro Novembre, 154, Rome (101) Italy) 385 An7
Nitration of crude cellulosic materials.

"The N contents of cellulosic material (cotton linters, hemp and kapok fibers with a-cellulose contents of 99.3, 60-65 and 58-60%, resp.), nitrated under varying conditions, are tabulated and discussed with reference to the effect of noncellulosic impurities on the degree of nitration and the soly. of the resultant cellulose nitrate. - B. C. F. A." - *Chem. Abs.* 33(20): 8400. Oct. 20, 1939.

1813. Dearnaley, A. Air conditioning in textile mills. Effects of relative humidity and temperature of the air on properties of textile materials, behaviour in processing and working efficiency. *Textile Mfr.* 66(784): 137-138. Apr. 1940. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
To be continued.

Cotton fibers and yarns are included in the study.

1814. Herzog, Alois. Über die anwendung des polarisations mikroskops bei der untersuchung von faserstoffen. *Melliand Textilberichte* 21(3): 97-105. Mar. 1940. (Published in Heidelberg, Germany) 304.8 T312
Footnote references.

The application of the polarizing microscope to fiber research.

1815. Lawrie, L. G., Reynolds, R. J. W., and Ward, D. The action of alkylene oxides on cellulose. *Soc. Dyers and Colourists Jour.* 56(1): 6-17. Jan.

1940. (Published at Ocean Chambers, 32/34 Piccadilly, Bradford, Yorkshire, England) 306.9 Sol
References, p. 17.

Results of experiments on the treatment of cotton cloth with ethylene and other alkylene oxides are presented.

1816. Native and regenerated cellulose. Part I. Silk
Jour. and Rayon World 16(190): 22-23. Mar. 1940.
(Published at Old Colony House, South King St.,
Manchester, 2, England) 304.8 Si3

"In this short series it is proposed to give a brief review of the modern picture of the structure of cellulose, explaining those theories which now appear to be accepted and showing the similarities and differences in behaviour of native and artificial fibres." A chart gives structural units of native cellulose, tabulated with their dimensions.

1817. Phillips, Ralph T., Schott, R. G., Hardy, J. I.,
and Wolf, H. F. Comparison of the accuracy of
two methods of estimating fineness of wool fibers.
Jour. Agr. Res. 60(5): 343-349. Mar. 1, 1940.
(Published by the U. S. Department of Agriculture,
Washington, D. C.) 1 Ag84J
Literature cited, p. 349.

1818. Plötze, E., and Person, H. Röntgenographische
untersuchungen polymer-homologer cellulosefasern.
Naturwissenschaften 27(41): 693. Oct. 13, 1939.
(Published by Julius Springer, Berlin W 9,
Germany) 474 W213

X-ray diffraction investigation on a homologous series of cellulose fibres.

"A change in the degree of polymerization of 800 to 3,000 does not produce any substantial change in the mechanical properties of cellulose fibres. From 800 to 200, an appreciable diminution in tensile strength is observable, and at lower values the fibre characteristics disappear. An X-ray diffraction examination of two homologous series from ramie and from cotton showed that the Debye-Scherrer diagram remains unchanged with a change in the degree of polymerization of 3,000 to 200." - Textile Res. 10(7): 299. May 1940.

1819. Rogers, Ruth Elmquist, Wheeler, Helen G., and Humfeld, Harry. Physical and chemical changes produced in bleached cotton duck by Chaetomium globosum and Spirochaeta cytophaga. U. S. Dept. Agr. Tech. Bul. 726, 35pp. Washington, 1940.
Literature cited, pp. 33-35.

1820. Whistler, Roy L., Martin, A. R., and Harris, Milton. Pectic substance in cotton and its relation to the properties of the fibre. Textile Res. 10(7): 269-279. May 1940. (Published by United States Institute for Textile Research, Inc., 65 Franklin St., Boston, Mass.) 304.8 T293

"The present investigation...concerns itself with an examination of the state of the pectic substance in native cotton fibre, its ease of removal by various reagents, its behavior in cuprammonium hydroxide solutions, and its influence on such important properties of the cotton as tensile strength and fluidity in cuprammonium hydroxide solution." - Introduction.

1821. Zervigon, M. G. The determination of cotton fiber properties as an engineering problem. La. Engin. Soc. Proc. 24(2): 69, 71, 73, 75, 77, 79, 81. Apr. 1938. (Published by the Louisiana Engineering Society, New Orleans, La.) Geol. Sur. References, p. 81.

Address before the Louisiana Engineering Society, October 11, 1937.

Some aspects of the problem are presented.

See also Items nos. 1614, 1616, 1624, 1637, 1690, 1749, 1789, 1833, 1947, 1948.

Technology of Manufacture

1822. Born, W. The spinning wheel. Ciba Rev. no. 28, pp. 982-1006, 1009-1011. Dec. 1939. (May be obtained from the Ciba Company, Inc., 627 Greenwich St., New York, N. Y.) 306.8 C48

"Literature on the spinning wheel," p. 1011.

Partial contents: Spindle and distaff as forerunners of the spinning wheel, pp. 982-987; The Indian hand spinning wheel and its migration to east and west, pp. 988-993; The twisting mill--the first step towards mechanized spinning, pp. 994-995; The spinning wheel with flyer spindle and treadle drive, pp. 996-997; Types

- of the spinning wheel, pp. 998-1002; Spinning in art, pp. 1003-1006; Leonardo da Vinci's ideas on the mechanization of spinning, pp. 1009-1011.
1823. Card room settings. Cotton [Atlanta] 104(5): 107. May 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
A letter to the editor discussing "how the settings and speed on the different machines should be when running one inch staple cotton."
1824. Field, E. G. Spinning speeds analyzed. Cotton [Atlanta] 104(5): 64-65. May 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
Includes note of "errata" in previous article entitled "Checking Spindle Speeds."
1825. Fletcher, R. Practical aspects of mule winding. Textile Mercury and Argus 102(2661): 320. Mar. 22, 1940. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318
1826. Leittretter, R. A. H. Das spinnen feiner garnnummern auf der ringspinnmaschine. Klepzig's Textil-Zeitschrift 43(10): 243-246. Mar. 6, 1940. (Published at Thubchenweg 23, Leipzig 01, Germany). Bur. Stand.
The spinning of fine counts on ring frames.
"The author points out the advantages of ring spinning, [and] discusses the adaptation of ring frames for the production of fine counts, suitable high draft systems, the best types of spindles, thread guides, etc. - C" - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 20(7): 151-152. Apr. 15, 1940.
1827. Length of yarn on spindles. Methods of obtaining the maximum amount. Textile Weekly 25(633): 462, 464. Apr. 19, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
To be continued.
1828. Long-drafting practice in cotton mills. Textile World 90(5): 80-81. May 1940. (Published by McGraw-Hill Publishing Co., 330 West 42d St., New York, N. Y.) 304.8 T315
"Resumé of the methods employed in a number of leading plants in the South, as reported at recent meetings of the Southern Textile Association and the Textile Operating Executives of Georgia."

1829. Lyon, H. Grady. Eastern Carolina division meeting at Raleigh. Cotton [Atlanta] 104(5): 78-79. May 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
Report of meeting of the Eastern Carolina Division of the Southern Textile Association, held in Raleigh, N. C., April 27, 1940.
Topics discussed included running dyed stock, oil spray, long draft roving and lightweight spinning tape.
1830. Modern roller covering. Points to note for spinning and cardroom rollers. Textile Weekly 25(635): 522, 525, 527. May 3, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
To be continued.
1831. Willis, H. H., and others. Textile mathematics; yarn manufacturing problems, weave room calculations...by H. H. Willis, G. H. Dunlap, E. F. Cartee and Vernetta B. Moore... 126pp., processed. Clemson, S. C., 1939.
Experimental edition, revised 1939.

Technology of Consumption

1832. A., N. Chemical cotton. Current Sci. 8(9): 432. Sept. 1939. (Published at Hebbal P. O., Bangalore, India) 475 Sci23
"The term 'chemical cotton' is used for chemically cleaned cotton, i. e., cotton from which substances other than cellulose have been completely removed. Chemical cotton is nowadays used as a basic raw material for the manufacture of a large number of articles, such as artificial silk, staple fibre, photographic films, transparent paper plastics, gun cotton and lacquers."
1833. Brandt, Andres von. Die bedeutung der fasereigenschaften für die fischerei. Faserforschung 14(1): 1-8. Mar. 15, 1939. (Published by S. Hirzel, Leipzig, C 1, Germany) 73.8 F26
References, p. 8.
The significance of fiber properties for fishing.
"Demands for fish nets are more exacting than for ordinary textiles. Tree bark, hair, flax, hemp and cotton have been used. There is a ten-

dency to use artificial fibers...By its strength, lightness, cheapness and workability cotton fills needs best, but a new fiber, less readily attacked than cotton is very desirable. - H. B. Gordon." - Chem. Abs. 33(20): 8411. Oct. 20, 1939.

1834. Buyers interested in cotton hosiery for women's wear. Mills find retailers ready to push sales of new stockings. Jour. Com. [N. Y.] 184(14218): 9A. Apr. 29, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

1835. Collings, Mary Louise. Making cotton or moss mattresses on Louisiana farms. La. Agr. Col. Ext. Cir. 184, 11pp. University, 1939.
Instructions for making a mattress are given.

1836. Cotton hose--for somebody else! A \$60,000 experiment with a great big question-mark after it. Textile World 90(5): 62-63. May 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

Results of experiments conducted by the Bureau of Home Economics, U. S. Department of Agriculture, are briefly described.

1837. Cotton is used in new plyboard. Textile Bul. 58(5): 40. May 1, 1940. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82

"By using cotton in a new type of plyboard, a Seattle firm has developed a board four to 30 times stronger than ordinary wall-board, the National Cotton Council reported. The new plyboard has added fire resistance and enables painting or papering without the customary plastering required over ordinary plyboard, the council said." - Entire item.

1838. Cotton states making mattresses. Bedding Mfr. 38(4): 17-18. May 1940. (Published by the Better Bedding Alliance of America, 608 South Dearborn St., Chicago, Ill.) 309.8 B39

Plans for making mattresses at home by low income southern farm families have been approved for twelve southern states under a project developed by the United States Department of Agriculture.

1839. Exchange members wear cotton. Cotton Digest 12(32): 10. May 11, 1940. (Published at Cotton Exchange Bldg., Houston, Tex. 286.82 C822

"Cotton exchange members of Dallas, Houston, New Orleans and Memphis set an example for the South this week in demonstrating the superiority of cotton clothes for summer men's wear."

1840. Furry, Margaret S. and Weidenhammer, Lillian E. Finishing treatments applied to cotton hose. Amer. Dyestuff Rptr. 29(8): 203-205. Apr. 15, 1940. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N. Y.) 306.8 An3
To be continued.

1841. Government aids in cotton hose development. Cotton [Atlanta] 104(5): 146. May 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823

The hose were designed by the Bureau of Home Economics of the Department of Agriculture.

1842. Government awards bagging contracts. Cotton Digest 12(33): 4. May 18, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

An announcement by the Division of Marketing and Marketing Agreements of the Department of Agriculture regarding "approval of allotments to four cotton mills for the manufacture, sale, and delivery of 855,000 cotton 'patterns', or bale covers" is noted.

1843. Govt. to market cotton insulation. Cotton Digest 12(33): 12. May 18, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

An announcement by the Division of Marketing and Marketing Agreements of the Department of Agriculture of a program to encourage the use in houses of cotton insulation.

Also in Cotton Trade Jour. 20(20): 7. May 18, 1940. Daily News Rec. no. 116, p. 11. May 16, 1940.

1844. Many and surprising are new cotton uses developed by U. S. chemists and engineers. Ariz. Farmer Prod. 18(26): 13. Mar. 2, 1940. (Published at 313 North Third Ave., Phoenix, Ariz.) 6 Ar44

1845. New treatment used on cotton tire cord. Daily News Rec. no. 103, p. 15, May 1, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

A new process for making cotton tire cords heat resistant, patented by Russell C. Newton, Leon A. Graybill and Eugene C. Gwaltney, is mentioned.

Also noted in Co-op. Farmer 18(8): 6. May 1940; Cotton Trade Jour. 20(21): 7. May 25, 1940.

1846. Oglesby, Jackie K. Ice cream from cotton seed. Prog. Farmer (Tex. ed.) 55(6): 38. June 1940. (Published at 1105 Southland Life Annex, Dallas, Texas) 6 T311

"Cott'n ice cream is made from the kernel of the cotton seed and an emulsion," according to Prosper A. Ingels who prepared it.

1847. Quality packaging of coal in cotton proves successful. Ramelli coal co., New Orleans firm, using 118,000 cotton bags a year. Cotton Trade Jour. 20(21): 1, 3. May 25, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1848. See cotton ply-board offering big market. Cotton Trade Jour. 20(18): 2. May 4, 1940. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

1849. 70,000 farmers sign petitions for cotton bags. Signatures include approximately 100 from each county in cotton country. Cotton Trade Jour. 20(19): 6. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The petition will be presented to manufacturers of feed, fertilizer and other products, suitable for packing in cotton bags.

Also in Delta Council News 1(9): 2. May 14, 1940; Cotton Trade Jour. 20(20): 2. May 18, 1940.

1850. Surgical thread from cotton yarn. Delta Council News 1(9): 4. May 14, 1940. (Published by the Delta Council, Stoneville, Miss.)

"Endorsement of cotton thread as a surgical suture has been forthcoming from surgeons on staffs of Tulane and Louisiana State Medical Schools. Surgeons state that cotton is superior to silk, linen, and catgut. It is easier to

handle because it is not as slippery or as difficult to tie as the other commonly used materials. Unlike catgut, it does not disintegrate rapidly, giving a wound time to heal properly." - Entire item.

1851. U. S. Dept. of agriculture. Division of marketing and marketing agreements: 855,000 patterns of cotton bagging contracts are let. Bonus of 25 cents per pattern accorded manufacturers, to stimulate use. Cotton Trade Jour. 20(21): 3. May 25, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1852. U. S. Dept. of agriculture. Division of marketing and marketing agreements: New plan launched to spur cotton use. 25c payments for patterns of bagging to be made to participating makers. Jour. Com. [N. Y.] 184(14222): 3. May 3, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

An announcement of a program "to encourage manufacture and sale of bagging made from cotton for use in covering cotton bales."

Also in Co-op. Farmer 18(8): 5. May 1940.

See also Items nos. 1928, 1936.

COTTONSEED AND COTTONSEED PRODUCTS

1853. Campbell, Ivan J. New N. C. P. A. president's mill is one of crushing industry's most efficient. Cotton and Cotton Oil Press 41(11): 24, 26-27. May 25, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Some of the methods of cottonseed oil production used in this mill are described.

1854. A challenge to the oil mill industry. Cotton and Cotton Oil Press 41(11): 5. May 25, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Editorial commenting on the address by Geo. J. Stewart before the annual convention of the National Cottonseed Products Association.

1855. Chemical linters supplies run low in all locations. Prices on all grades high above last year's, low

grade prices triple. Cotton Trade Jour. 20(20):
1. May 18, 1940. (Published at Cotton Exchange
Bldg., New Orleans, La.) 72.8 C8214

1856. Hallsworth, E. G. The analysis of the fibrous and carbohydrate constituents of feeding stuffs. II. The determination of cellulose. Soc. Chem. Indus. Jour. 59(1): 9-17. Jan. 1940. (Published at 46 Finsbury Square, London, E. C. 2, England)
382 M31

Includes determination of cellulose content of cottonseed cake.

1857. Murty, V. Krishna, and Dasa Rao, C. J. A note on the deposition of palmitic acid from cotton-seed oil. Current Sci. 9(2): 75-76. Feb. 1940. (Published at Hobbal P. O., Bangalore, India)
475 Sci23

1858. Ousley, Clarence. "Margarine and Georgia." Cotton and Cotton Oil Press 41(11): 16. May 25, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.)
Editorial on the bulletin with the above title by T. H. Whithead of the University of Georgia.

1859. Podol'skaia, M. [Changes in gossypol during ripening and storage of cottonseed.] Masloboino Zhirovye Delo 15(3): 9-10. May-June 1939. (Published at Valovaia Ul. 18, Moskva, 54, U. S. S. R.)
Libr. Cong.

In Russian.

"To ascertain whether gossypol is present in cottonseed as a primary product or as a deriv. formed from other colored compds. changes occurring in the seed were studied. Color changes from pale yellow through orange to red were observed by spectroscopic examn. The rapidity of the change varies in different kinds of seed, being faster in Egyptian than in American cottonseed. As a rule the gossypol in seed which has been stored a few months is in the red form. The yellow and orange-yellow forms are nearly or quite identical with the red and lemon-yellow forms in qual. reactions, soly. in various solvents and elementary compn. - J. F. S." - Chem. Abs. 34(5): 1355. Mar. 10, 1940.

1860. Stewart, George J. One of our public relations problems. Cotton and Cotton Oil Press 41(11): 12-13. May 25, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Address at annual convention of the National Cottonseed Products Association, New Orleans, La. May 13, 1940.
Improvements in public relations of the cottonseed oil industry are suggested.
1861. Stone, L. T. Wisconsin whitewash. Cotton and Cotton Oil Press 41(10): 5-6. May 11, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Editorials in Hoard's Dairyman for February 10 and March 10, 1940, regarding the margarine industry, are discussed.
1862. Wallace elected crushers' president. Cotton Digest 12(33): 3. May 18, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Brief report of 44th annual convention of the National Cottonseed Products Association, held in New Orleans, May 14, 1940. Extracts from an address by G. S. Meloy are included.
Also reported in Cotton Trade Jour. 20(20): 1, 8. May 18, 1940.

See also Items nos. 1632, 1634, 1635, 1654, 1689, 1775, 1877, 1898, 1911, 1947.

LEGISLATION, REGULATION, AND ADJUDICATION

Legislation

1863. Article on ACSA certificate plan stand disavowed. Dickerson says no statement issued; was misleading, regret expressed. Cotton Trade Jour. 20(20): 1. May 18, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The text of a letter from R. C. Dickerson is quoted calling attention to a mis-statement in an article which appeared in the May 4 issue of the Cotton Trade Journal regarding the stand of the American Cotton Shippers Association on the marketing certificate plan.

1864. Barton, James. News from the capitol...Chamber of commerce fights processing tax. Cotton Digest 12(31): 5. May 4, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Extracts from resolutions adopted by the United States Chamber of Commerce at its annual meeting in Washington, are given.
1865. Barton, James. President vetoes insurance plan. Cotton Digest 12(32): 12. May 11, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
The veto is commented on.
1866. Bilbo gives case for net-weight trading, speaks as committeeman. Senator asserts bill calculated to permit use of cotton, jute or paper. Cotton Trade Jour. 20(18): 1, 5. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Includes extracts from the report of the Senate Committee on Agriculture and Forestry on the net-weight bill.
1867. Bill for insurance of cotton vetoed. President says experiment is not yet on satisfactory actuarial basis. Jour. Com. [N. Y.] 184(14225): 1, 3. May 7, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
1868. Bill paying consumers. Cotton Trade Jour. 20(18): 2. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
An editorial commenting on the marketing certificate plan.
1869. Bill would refund cotton ginning taxes. Tex. Co-op. News 20(5): 2. May 15, 1940. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Ervay St., Dallas, Tex.) 72.9 T315F
The bill providing for refund of taxes paid between 1934 and 1936 under the Bankhead Cotton Control Act, "has been approved by the Senate Agriculture Committee with the understanding that the legislation be referred to the United States Court of Claims before Senate action."

1870. Cartwright, H. Y. Urges domestic allotment plan for cotton, as inverted tariff. Suggests price floor to discourage use as means of dumping abroad. Cotton Trade Jour. 20(18): 1, 8. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1871. Cotton crop insurance. Cotton Trade Jour. 20(19): 2. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

An editorial commenting on the veto of the cotton crop insurance bill.

1872. Cotton insurance bill, vetoed, to die in committee. Cotton Trade Jour. 20(19): 1. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1873. Cotton shippers faced with difficult question. Cotton Digest 12(31): 8. May 4, 1940. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Editorial on the recent address by Carl B. Robbins on the certificate plan.

1874. Cotton week good idea--but what about tariff? Cotton Digest 12(33): 8. May 18, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

An editorial which states that the plight of the cotton farmer is due to the commercial policies of the United States and urges reduction of the tariff.

1875. The fight goes on. Amer. Cotton Grower 5(12): 4. May 1940. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

An editorial commenting on the reference to the Court of Claims of the claim of the cooperative associations for refunds for losses in operations of the Federal Farm Board.

1876. [Fulmer, H. P.] Grandfather way not good enough, is Fulmer view. Cotton consumption in bagging less important than low tare, neat bale. Cotton Trade Jour. 20(20): 5. May 18, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Discussion of the net-weight trading bill.

1877. H. R. 8642--The seed grading bill. Cotton and Cotton Oil Press 41(8): 7, 10-11, 13. Apr. 13, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
The text of the bill is given.
1878. Jacobs, William P. South Carolina mills more hopeful of stable tax program. Cotton goods producers urge revised assessment methods, formation of single agency. Jour. Com. [N. Y.] 184(14218): 10A. Apr. 29, 1940. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
1879. [McLaurine, W. M.] Processing tax no bargain for cotton farmer. Cotton Trade Jour. (Tex. Cotton Assoc. Convention Special) 20(13): 1. Mar. 30, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1880. McLaurine, W. M. Wage law clarity sought. McLaurine also tells of other assn. activities. Daily News Rec., no. 100, p. 8. Apr. 27, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Extracts from address at the annual convention of the American Cotton "anufacturers' Association, White Sulphur Springs, W. Va., April 26, 1940.
Also in Jour. Com. [N. Y.] 184(14218): 5A, 9A. Apr. 29, 1940; Textile Bul. 58(5): 10, 12, 51-56. May 1, 1940.
1881. The marketing certificates. Cotton Trade Jour. 20(18): 2. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
An editorial commenting on the address of Carl B. Robbins delivered before the annual convention of the American Cotton Shippers Association, held in New Orleans, April 26-27, 1940.
1882. Mississippi bill would require cotton wrapping for cotton and other commodities. Cotton and Cotton Oil Press 41(10): 17. May 11, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
The bill was introduced in the Mississippi house of representatives by Carl C. Allen.

1883. Net-weight bill to pass within week, is belief.
Fulmer bill as modified by Senate committee is on calendar at last. Cotton Trade Jour. 20(19): 1, 8. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1884. Processing tax would be levied upon rayon, also.
Bill as drawn specifically lays tax upon synthetics made of cellulose. Cotton Trade Jour. 20(18): 6. May 4, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The marketing certificate or processing tax bill, H. R. 9273 is commented upon.
1885. Social security act as applied to ginners. Cotton Ginners' Jour. 11(8): 5, 16. May 1940. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
1886. U. S. Chamber hits processing taxes, scouts high loans. Asserts curtailment of farm production should be temporary. Cotton Trade Jour. 20(19): 5. May 11, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from a resolution adopted by the Chamber of Commerce of the United States are given.
1887. [Wallace, H. A.] Wallace on net weight bill.
Cotton and Cotton Oil Press 41(10): 13. May 11, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
A letter from Secretary Wallace to Congressman Fulmer regarding the Fulmer net weight bill, H. R. 57, is quoted.
1888. Want credit for Allies. Cotton Digest 12(33): 9. May 18, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Credits to the Allies for the purchase of cotton and other farm products were requested by representatives of the Texas Cotton Association in a conference with Secretary of State Hull.
1889. Weight proviso fly in ointment of Fulmer bill.
Bagging firm head warns bill may encourage use of flimsy covering. Cotton Trade Jour. 20(20): 7. May 18, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1890. Wheeler, Marion E., comp. Agricultural relief measures relating to the raising of farm prices-- 74th Congress, January 3, 1935 to June 20, 1936. U. S. Dept. Agr. Bur. Agr. Econ. Agr. Econ. Bibliog. 84, 75pp., processed. Washington, 1940. 1.9 Ec73A

For items relating to cotton, consult the index.

1891. White, E. D. The marketing certificate program: a permanent and self-financing increase in farm income. 19pp., processed. Washington, U. S. Dept. of agriculture, Commodity credit corporation, 1940.

Address at the annual meeting of the Mississippi Cotton Ginners Association at Jackson, Mississippi, May 23, 1940.

See also Items nos. 1692, 1935, 1945, 1951.

Regulation

1892. Ashley, Sir Percy. New cotton control orders--statement by the Cotton controller. Cotton (Manchester) 46(2207): 7. Apr. 20, 1940. (Published by the Manchester Cotton Assoc., Ltd., 411 Royal Exchange, Manchester, 2, England) 304.8 C826

The statement relates to orders nos. 5, 6, and 7.

1893. Butler, Eugene. The Texas cotton allotment. Prog. Farmer (Tex. ed.) 55(6): 3, 40. June 1940. (Published at 1105 Southland Life Annex, Dallas, Texas) 6 T311

"It is significant that although the 1940 acreage allotment for Texas is 144,000 acres less than the 1939 allotment, it is 1,059,000 acres more than was actually planted in Texas in 1939."

1894. Caterson, Herbert. Japan to issue cotton import permits to sum of 20 million yen. Daily News Rec. no. 104, p. 1. May 2, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.3 N42

1895. Cotton cloth to be rationed in Japan. Daily News Rec. no. 107, p. 16. May 6, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.3 N43

"The Ministry of Commerce announced...a rationing system of cotton piece goods because of depleted stocks in homes and retail establishments and uneven distribution."

1896. Cotton control revise spinners' margins. Textile Weekly 25(633): 456. Apr. 19, 1940. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127

Control of the Cotton Industry Orders nos. 5, 6, and 7, issued by the Ministry of Supply of Great Britain, are explained.

1897. Cyprus. Import of raw cotton. Gt. Brit. Bd. Trade Jour. 144(2259): 318. Mar. 21, 1940. (Published by H. M. Stationery Office, York House, Kingsway, London, W. C. 2, England) 256.03 T67J

Not more than 40,000 okes may be admitted duty free during the period February 14 to June 30, 1940.

1898. [Durand, A. L.] Cotton acreage control hit by crusher leader. Governmental cotton policies, soybeans and rayon cottonseed bugbears. Cotton Trade Jour. 20(20): 1, 6. May 18, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Extracts from an address before the 44th annual convention of the National Cottonseed Products Association, New Orleans, May 14, 1940.

1899. Faria, Carlos V. Controle da indústria de beneficiamento do algodão na Paraíba. Ouro Branco 5(10): 8-9. Feb. 1940. (Published at Rua Assembléia, 209, São Paulo, Brazil)

Benefits from cotton control in Parahiba.

1900. Flat denial warehouse combine reply to FTC monopoly charges. "Vindictive competitor" is villain of the peace, commission is told. Cotton Trade Jour. 20(21): 3. May 25, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The complaint was filed against the Federal Compress and Warehouse company.

1901. Gt. Brit. Ministry of supply. Cotton industry. Gt. Brit. Bd. Trade Jour. 144(2263): 407. Apr. 18, 1940. (Published by H. M. Stationery Office, York House, Kingsway, London, W. C. 2, England) 256.03 T67J

Control of the Cotton Industry Orders nos. 5, 6, and 7 are given.

Also in Cotton [Manchester] 46(2207): 2. Apr. 20, 1940.

1902. Home trade in textiles. Order for limitation.
 Gt. Brit. Bd. Trade Jour. 144(2263): 407. Apr.
 18, 1940. (Published by H. M. Stationery Office,
 York House, Kingsway, London, W. C. 2, England)
 256.03 T67J
1903. New margins for cotton yarns. Control of stocks of
 raw cotton. Manchester Chamber of Com. Monthly
 Rec. 51(4): 102. Apr. 30, 1940. (Published at
 Ship Canal House, King St., Manchester, 2,
 England) 287 M31
 Control of the Cotton Industry Orders, nos.
 5 and 7, issued by British Ministry of Supply
 are discussed.
1904. Stub cotton banned by AAA in Arizona from now on.
 Arizona Farmer Prod. 18(23): 1. Jan. 26, 1940.
 (Published at 313 North Third Ave., Phoenix, Ariz.)
 6 Ar44
 "Growing of stub cotton will not be tolerated
 by the AAA in Arizona this year, nor as long as
 the State is classed as infested by pink boll-
 worms."
1905. Textiles rationed for the home market. 25 per
 cent. cut in retailer's supplies. Restrictions
 on new contracts by spinners. Manchester Chamber
 of Com. Monthly Rec. 51(4): 103-105. Apr. 30,
 1940. (Published at Ship Canal House, King St.,
 Manchester, 2, England) 287 M31
1906. U. S. Dept. of agriculture. Agricultural adjustment
 administration. 1940 agricultural conservation
 program bulletin. 38pp. Washington, U. S. Govt.
 print. off., 1940.
 ACP-1940; Issued January 25, 1940.
 Cotton, pp. 3-6.
1907. U. S. Dept. of agriculture. Agricultural adjustment
 administration. 1940 parity payment regulations.
 4pp. [Washington] 1940.
 P-1940; Revised February 12, 1940.
 Contains regulations and rate of payment for
 cotton.
1908. U. S. Dept. of agriculture. Agricultural adjustment
 administration. Part 722--regulations pertain-
 ing to cotton marketing quotas for the 1940-1941

marketing year. Fed. Register 5(102): 1887-1901.
May 24, 1940. (Published by National Archives,
Washington, D. C.) 169 F31

Cotton 407, supplement 1.

Also noted in Cotton Trade Jour. 20(21): 4.
May 25, 1940; Cotton Digest 12(34): 9. May 25,
1940.

1909. U. S. Dept. of agriculture. Agricultural adjustment
administration. Southern division. Handbook.
Special 1940 agricultural conservation program
for designated Texas counties. (Applicable only
in Dallam, Deaf Smith, Hansford, Hartley, Moore,
Oldham, and Sherman counties, Texas, for the
program year January 1, 1940 to November 30, 1940.)
U. S. Dept. Agr. Agr. Adjustment. Admin. SRB-401-
Special Counties, Texas, 14pp. Washington, U. S.
Govt. print. off., 1940.

Issued February 28, 1940.

Cotton, p. 10.

1910. U. S. Dept. of agriculture. Bureau of entomology
and plant quarantine. White-fringed beetle
quarantine restrictions modified. Administrative
instructions; removal of white-fringed beetle
certification requirements until February 1, 1941,
for specified articles consigned from designated
portions of the regulated areas. Fed. Register
5(103): 1944. May 25, 1940. (Published by
National Archives, Washington, D. C.) 169 F31
B. E. P. Q. 485, fifth revision.

1911. [U. S. Interstate commerce commission] Allowances
on cottonseed. Traffic World 65(19): 1147. May
11, 1940. (Published at 418 S. Market St.,
Chicago, Ill.) 288.8 T672

"A proposal of the Columbus & Greenville Rail-
way Co. to make allowances to shippers who use
its line for the outbound movement of cottonseed
products, manufactured from cottonseed moving
into mill points by lines of other rail carriers...
has been found unlawful...in I. and S. No. 4599."

See also Item no. 1692.

MISCELLANEOUS--GENERAL

1912. [American cotton shippers' association] Recommend insect control, better planting seed to lower cost of producing cotton. Cotton and Cotton Oil Press 41(10): 29. May 11, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Extracts from a report at the meeting in New Orleans, April 26-27, 1940.
1913. [Anderson, W. D.] Georgia group at peak in 40th year. Cotton manufacturers association 95.3 per cent strong, W. D. Anderson notes. Daily News Rec. no. 117, p. 17. May 17, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Address at the 40th annual convention of the Cotton Manufacturers Association of Georgia, Sea Island Beach, Ga., May 16, 1940.
1914. Argentine Republic. Ministerio de agricultura de la nacion. Almanaque...1939. Año 14. 511pp. [Buenos Aires, 1940] 9 Ag874 ano 14, 1939
For references to algodón (cotton) see the index.
1915. Ark.-Mo. ginner's hear Lipscomb. Cotton Digest 12 (34): 7. May 25, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Contains extracts from addresses by Ed Lipscomb and T. H. Gregory delivered before the meeting of the Arkansas-Missouri Ginner's Association, held in May 1940.
1916. [Arnold, R. O.] Educate workers, seek law changes, R. O. Arnold urges. Daily News Rec. no. 117, p. 17. May 17, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Extracts from address before the 40th annual convention of the Cotton Manufacturers Association of Georgia, Sea Island Beach, Ga., May 16, 1940.
1917. [Blake, Rhea] New finance plan of Cotton council analyzed by Blake. Executive secretary points out conformity with industry practices. Cotton Trade Jour. 20(20): 7. May 18, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1918. Cady, William H. Textile fibers, old and new. Amer. Dyestuff Rptr. 29(8): P189-P197. Apr. 15, 1940. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N. Y.) 306.8 Am3

Presented at meeting, New York Section, American Association of Textile Chemists and Colorists, March 1, 1940.

An account of the properties and uses of synthetic fibers and including a brief statement on the early history of cotton.

1919. Campbell, T. A., jr., and Willis, H. H. Elementary textile costing. Pt. II-III. Clemson, S. C. [1940?]

Contents: Pt. II. Typical cost system for grey goods; Pt. III. Student work book, blank forms for textile costing.

1920. Carter, Clifford. Fibre, rope, twine and thread. A glossary of terms and definitions collected and coined by Clifford Carter. Indus. Fibres Rev. 5(4): 72-79. Apr. 1940. (Published by Sisal Publications Ltd., 18-19, Great St. Helens, London, E. C. 3, England) 73.8 Si82

1921. [Cotton manufacturers association of Georgia] Work of cotton buyers' division of Georgia group told. Year's activities include changes in N. Y. and New Orleans contract and better rail rates to gulf ports. Daily News Rec. no. 118, pp. 5, 7. May 18, 1940. (Published at 8 East 13th St., New York, N. Y.) 236.8 N43

Report of the Cotton Buyer's Division to the annual convention, Sea Island Beach, Ga., May 17, 1940.

1922. Council adopts finance plan. Cotton Digest 12(33): 12. May 18, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

A plan for financing the activities of the National Cotton Council of America for the crop year 1940-41 is explained.

Also in Cotton Trade Jour. 20(20): 1, 3. May 18, 1940; Cotton and Cotton Oil Press 41(10): 12. May 11, 1940.

1923. [Cox, A. B.] Six-point plan to meet cotton crisis offered. Cotton Trade Jour. 20(20): 5. May 18, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1924. Cox [A. B.] suggests ways to solve problem. Cotton Digest 12(32): 3. May 11, 1940. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Five methods by which the United States could solve the cotton problem are suggested.
1925. Crawford, M. D. C. Lowell, Mass., development begun in 1822 with setting up of Merrimack mfg. co. Yankee enterprise became thorn in side of British industry much as Japan is today--In 1840 wages of \$1 a week plus board were paid card room girls--hours per week averaged 73 1/2 to 75 1/2. Daily News Rec. no. 116, pp. 1, 13. May 16, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 W48
The first of a series of five articles.
1926. Empire cotton growing corporation. Progress reports from experiment stations, season 1938-1939. Programmes of experiments, season 1939-1940. 198pp. London, 1940. 72.9 G79Rs
Partial contents: Queensland cotton research station, Biloela. Progress report for the season 1938-39, by R. W. Peters, pp. 1-12. - South Africa cotton experiment station, Barberton. Progress report for the season 1938-39, by F. R. Parnell, pp. 13-15; Cotton breeding and field experiments, by D. MacDonald, W. L. Fielding and D. F. Ruston, pp. 15-26; Rotation crops, by M. F. Rose, pp. 27-31; Entomology, by F. S. Parsons and J. Marshall, pp. 32-40; Insect physiology, by R. C. Rainey, pp. 40-50; Plant pathology, by G. M. Wickens, pp. 50-60. - Cotton experiment station, Magut, Natal. Progress report for the season 1938-1939, by P. A. Bownaker, pp. 65-70. - Swaziland cotton experiment stations, Bremersdorp and Croydon. Progress report for the season 1938-39, by J. V. Lochrie, pp. 71-78. - Southern Rhodesia, by G. S. Cameron, pp. 79-81; Cotton station, Gatooma. Progress report for the season 1938-39, by J. E. Feat, A. H. McKinstry and A. N. Prentice, pp. 81-88. - Northern Rhodesia. Progress report on the cotton work for the season 1938-39, by A. G. Bebbington and W. Allan, pp. 90-91. - Anglo-Egyptian Sudan. Progress report on the work on cotton, season 1938-

39, by J. D. Tothill, pp. 92-98. - Uganda. Cotton experiment stations, Bukalasa and Serere, progress reports for the season 1938-39, pp. 100-112. - Tanganyika Territory. General progress report on cotton work 1938-39, pp. 113-133. - Nyasaland. Cotton experiment station, Domira Bay, progress report for the season 1938-39, by H. C. Ducker, W. L. Miller and S. T. Hoyle, pp. 139-150. - Nigeria. Progress report from the corporation's seed farm, Daudawa, 1938-39, by G. Browne, pp. 151-160; Nigeria. Progress report on work on cotton in the Northern provinces for the season 1938-39, by J. K. Mayo, pp. 161-168. - Trinidad cotton research station, Genetics department. Progress report for the period January-October, 1939, by J. B. Hutchinson, pp. 169-171; Genetic research, by J. B. Hutchinson, R. A. Silow and S. G. Stephens, pp. 171-176; Physiological department. Report on work done during 1939, by T. G. Mason, pp. 178-181. - West Indies. Cotton experiment station, St. Vincent. Progress report for the season 1938-39, by H. L. Manning, pp. 182-198.

1927. Everett, Charles K. National cotton week runs nine days this year. Textile World 90(5): 86. May 1940. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315

Plans for National Cotton Week, May 17-25, 1940, are announced.

1928. Farley, James A. Cotton marches on. Cong. Rec. 86(103): 10432-10433. May 24, 1940. (Published by United States Congress, Washington, D. C.) 148.2 R24

Address before the Texas Cotton Ginners' Association.

The importance of the cotton industry in the United States, the cotton stamp plan and cotton hosiery developed by the United States Department of Agriculture were among the topics discussed in the address.

1929. Georgia cotton mill men hear New Deal scored. Robert O. Arnold, president tells 40th annual parley problems have been faced since founding of group. Daily News Rec. no. 117, pp. 1, 17. May 17, 1940. (Published at 8 East 13th St., New York,

N. Y.) 286.8 N43

Report of 40th annual convention of the Cotton Manufacturers Association of Georgia, Sea Island Beach, Georgia, May 16, 1940.

1930. Herrmann, Omer W. South-Brazilian cotton gets a flying start. News for Farmer Coop. 7(1): 16-17, 23.-24. Apr. 1940. (Published by U. S. Farm Credit Administration, Washington, D. C.)

Plans of the Department of Agriculture of the State of Sao Paulo to control varieties and distribute planting seed, license and regulate gin plants, and improve methods of handling cotton to the mill are described.

1931. James C. Chapman elected head of S. C. Cotton manufacturers. Daily News Rec. no. 125, pp. 1-2. May 27, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N43

Report of annual convention of the Cotton Manufacturers Association of South Carolina, held at High Hampton, N. C., May 24-25, 1940.

Also noted in Cotton Trade Jour. 20(22): 1. June 1, 1940.

1932. Johnston, Oscar. The cotton problem and its solution. Cotton Ginners' Jour. 11(8): 7, 10-11. May 1940. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.3 C824

Excerpts from address at meeting of Texas Cotton Ginners' Association at Dallas, Tex., April 5, 1940.

1933. Knox, Robert, Jr. Cotton blooms in May. Carolina Co-op. 18(5): 2-3, 24. May 1940. (Published by the Carolina Co-operator Publishing Co., Inc., 121 East Davie St., Raleigh, N. C.) 72.8 N81

"There's no getting away from the hold of cotton on the South today, nor is there any substitute crop to take its place as a major source of cash income. Cotton basically needs the support of the millions it in turn supports."

1934. Lazcano Romero, José. Analisis de la situacion algodonera de México. 203pp. Mexico, D. F. [Talleros gráficos de la penitenciaría del Distrito federal]

1938. 281.372 L45

"Bibliografía consultada": pp. [207-208]

Analysis of the cotton situation in Mexico.

The author discusses production, commercial preparation of the fiber, classification of cotton, transportation, world trade, Mexican exports and imports, prices, and consumption.

1935. Lewis, K. P. Common sense output to prevent chaos. K. P. Lewis holds mills responsible for merchandising--urges wage-hour law change. Daily News Rec., no. 100, p. 6. Apr. 27, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

Extracts from address before the annual convention of the American Cotton Manufacturers' Association, White Sulphur Springs, W. Va., April 26, 1940.

Also in Jour. Com. [N. Y.] 184(14218): 1A, 4A, 10A. Apr. 29, 1940; Textile Bul. 58(5): 7-9, 49-50. May 1, 1940.

1936. The matter of frontiers. Cotton Trade Jour. 20(21): 2. May 25, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

An editorial which says that as a result of research "cotton suddenly may leap into view as the ideal raw material for industries which are not concerned with clothing or the household at all."

1937. [Mellon institute] Researches...1939-40. Amer. Chem. Soc. News ed. 18(7): 287-300. Apr. 10, 1940. (Published at 20th and Northampton Sts., Easton, Pa.)

Cotton Foundation Fellowship, pp. 290-291.

1938. Murchison, Claudius T. Murchison hails new trend in Washington. Forces of constructive conservatism declared sweeping forward. Daily News Rec. no. 101, p. 12. Apr. 29, 1940. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48

The text of Dr. Murchison's address before the annual convention of the American Cotton Manufacturers' Association, White Sulphur Springs, W. Va., April 26-27, 1940, is given.

Also in Jour. Com. [N. Y.] 184(14218): 11A.

1939. National cotton week observance nationwide, example is set here. Cotton Trade Jour. 20(20): 1, 3. May 13, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

The text of a radio address on the cotton problem delivered in the interest of National Cotton Week by C. Layton Merritt, is included.

1940. National cotton week successful, reports indicate. Cotton Trade Jour. 20(21): 1, 7. May 25, 1940. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1941. Ousley, Clarence. Cotton and war. Cotton and Cotton Oil Press 41(11): 16. May 25, 1940. (Published at 3116-18 Commerce St., Dallas, Tex.)

Editorial suggesting a cotton policy for the United States during the war.

1942. Philip, Robert W. A study of textile education in the United States, based on a survey of the enrollments in the ten textile colleges of the country, and an analysis of their curricula, and requirements for graduation. Cotton [Atlanta] 104(5): 58-60. May 1940. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823

1943. Read, J. The future of technical training and the cotton industry. Textile Inst. Jour. 31(4): P47-P50. Apr. 1940. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

"A paper contributed as the opening of a discussion at the meeting of the Lancashire Section of the Textile Teachers' Association, Saturday, 6th April, 1940."

1944. Rose, Robert E. Textile research away from mills is called vital. R. E. Rose urges cotton mfrs., convention to support Textile foundation as essential to business progress. Daily News Rec. no. 101, p. 12. Apr. 29, 1940. (Published at 8 East 13th St., New York, N. Y.) 236.8 N48

Extracts from address before the annual convention of the American Cotton Manufacturers' Association, White Sulphur Springs, W. Va., April 26-27, 1940.

Also in Jour. Com. [N. Y.] 134(14213): 6A. Apr. 29, 1940.

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